

Half-Year Collection 2020

Covid-19 related Insights & Recommendations

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POSITION PAPERS JULY 202





The Covid-19 outbreak is leading to an exponential increase of deaths which has obliged governments to make drastic decisions to limit the propagation of the virus in their country

- The Coronavirus disease 2019 (Covid-19) has spread in 124 countries and led to 6,500 deaths¹, especially amongst patients suffering from chronic diseases² and/or very old ones³
- Governments have implemented different strategies according to the stage of the outbreak:
 - Stage 1: The priority is to control the entry of infected people in the country through early identification
 - Stage 2: The strategy consists in slowing down the spread of the virus by identifying clusters⁴ and limiting contacts with non-infected people by social-distancing (e.g. limiting people gathering) and closure policies (e.g. schools)



Stage 3: This third stage corresponding to the circulation of the virus across the country, the strategy
is to reduce clusters of cases and mobilize healthcare structures and healthcare
professionals to limit the possible lethal effects of the virus

Sources: Smart Pharma Consulting after WHO-China Joint Mission report on Covid-19, February 2020 – WHO data, March 2020 – CNN, March 2020 1 As of March 16, 2020 – 2 Diabetes, cardiac diseases, respiratory failure – 3 80 years old or more – 4 The geographical areas where the virus is circulating



To help pharma companies run their operations, as efficiently as possible, in a context of social-distancing and closure measures, Smart Pharma proposes 4 practical recommendations

- The business continuity of companies is getting affected by social-distancing measures and closure policies implemented by governments in the USA, the top 5 European countries¹, China and Japan which together account for ~75% of the worldwide pharma market in value
- In addition to these measures, several pharma companies have self-imposed even more restrictive measures such as:
 - Travel restrictions
 - Working from home to reduce virus transmission between colleagues and for in-field employees² to or from healthcare professionals







- These restrictions will be soon applied by a much larger number of pharma companies which must however continue to ensure their operations are run with as much as possible efficiency
- For so doing, Smart Pharma Consulting proposes a non-exhaustive list of 4 practical recommendations which can be easily and immediately implemented

Sources: Smart Pharma Consulting after FirstWord, March 10, 2020, The New York Times, March 14, 2020 ¹ France, Germany, Italy, Spain. In the UK, the government has not yet opted for mass closures but for more targeted measures, like asking people with respiratory symptoms to stay at home –² Medical Reps, Medical Science Liaisons, Key Account Managers, Key Institution Managers, etc.



We have selected four themes for which we propose recommendations, especially for affiliates of pharma companies particularly affected by measures related to the Covid-19 outbreak

Activities Prioritization

E-Meeting Management

HCP Relationship Management

Collaborators Engagement

"Covid-19 situation will offer opportunities to open-minded managers with an entrepreneurial mindset"

Sources: Smart Pharma Consulting

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The Eisenhower Matrix is a practical and easy-to-use tool to help select activities to focus on and those to postpone or cancel

Activities Prioritization (1/2)

When resources cannot be optimally mobilized, prioritization is more than ever essential, without compromising on quality



Eisenhower¹ Matrix

¹ Dwight D. Eisenhower was the 34th President of the United States from 1953 to 1961. Before becoming President, he served as a five-star general in the United States Army and as the Allied Forces Supreme Commander in Europe during World War II. He also later became NATO's first Supreme Commander



Take time to plan carefully your activities and you will end up saving time

Activities Prioritization (2/2)

Activity Planning Tools

Weekly time log	Monday	Tuesday	Wednesday	Thursday	Friday	M	orning ne log	Activities	Priority ¹	Afternoon Time log	Activities	Priority ¹	F
						:	<u><8:30</u>			14:00			
Morning							9:00			14:30			
							9:30			15:00			
							10:00			15:30			
Lunchtime							10:30			16:00			
							11:00			16:30			
							11:30			17:00			
Afternoon							12:00			17:30			
							12:30			18:00			
Evening							13:00			18:30			
g							13:30			<u>></u> 19:00			

- The purpose of this tool is to help you organize your activity and make sure you will focus your time and effort at your 2-3 top priorities (P1) to reach your main goals and set deadlines
- It is not only a planning tool but also a diagnostic tool to check if you allocate your time in an optimal way
- Your most challenging² activities should be slotted into your most productive (high-energy) time of the day
- The time log should be filled up (on a notebook or an electronic device³), ideally, at the end of the previous week or day, accordingly, which should not take more than 10-15 minutes

Sources: Smart Pharma Consulting

¹ From P1 to P4 as per the Eisenhower Matrix – ² Such creativity sessions, decision-making activities, complex analyses, assessment of collaborators performance, etc. – ³ Such as a simple Excel spreadsheet, Outlook or a more specific tool like Trello, Taskworld



If well-prepared and properly managed to keep all participants engaged, E-meeting may be as effective as face-to-face meetings, while saving time and money

E-Meeting Management (1/2)

Social-distancing and closure measures to limit transmission of the Covid-19 oblige companies to replace face-to-face meetings by virtual or remote meeting

7 Tips for Proper E-meeting Preparation

		1. Setting clear meeting goals will help define who should attend
	ate the goals	 A detailed agenda, with timelines (considering different time zones, if any) should be defined and sent to participants¹ in advance
2. Prepare & send	3. Communicate what is	 along with background information and their respective role, for review and preparation
a detailed agenda	expected from participants	4. Participants should get the information to call into the meeting
		5. Some of them will be assigned responsibilities such as: facilitator,
4. Send participants call-in	5. Assign responsibilities	time-keeper, note-taker, bridge moderator ² , technical support ³
information / access codes	to participants	 The most widely used tools for video conferences, in business environment are: Zoom, Skype (Microsoft), Webex (Cisco), knowing
		none of them is free from dysfunction
6. Use a proper video conference software	7. Open the session 2-3 minutes ahead of time	 The host will check, few minutes ahead of time, that the teleconference tool works properly, so that to start on time

¹ Only necessary people should be invited. People may be invited for only part of the meeting –² Someone who ensures that there is a linkage between all participants, making sure that everyone can hear, see and speak –³ This role can be assigned to a participant or a technician who does not attend the meeting but who can be contacted for immediate help to address technical problems



The strict implementation of the following 10 tips will help run successfully E-meetings

E-Meeting Management (2/2)

10 Tips to well-run an E-meeting

E-Meeting Starter

E-Meeting Running

E-Meeting Follow-up

- Use an icebreaker to create a positive atmosphere and get people on board
- Recall the goals of the e-mail and what is expected from each participant
- 3. Show the agenda (with short breaks of 5-10 minutes every hour or hour and half)
- 4. Set meeting ground rules

- 5. Maximize discussion time over presentation time¹
- 6. Give a chance to each participant to express himself
- Avoid people speaking over each other by ensuring a strict application of E-meetings ground rules
- 8. Keep participants engaged and the meeting interactive by:
 - Making short talk
 - Calling on them to give regularly their opinion
 - Using video (shared screen, camera, etc.)
 - Putting the microphone on mute when not talking to avoid background noise

- Send a clear precise concise follow-up e-mail that summarizes:
 - Key information shared
 - Decisions made
 - Key takeaways
 - Actions to be carried out and by whom
- 10. A minute will be sent out to people who need to be kept informed about the outcomes

Sources: Smart Pharma Consulting, Bob Frisch & al. HBR, March 05, 2020

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Pharma companies should consider the individual position of HCPs and of their in-field collaborators before deciding which strategy to adopt to stay connected to their "clients"

HCP Relationship Management (1/2)

Social-distancing measures and HCPs increasing workloads due to the Covid-19 outbreak prevent in-field collaborators from maintaining regular contacts with their "clients"



Situation Analysis

- In the context of the Covid-19 outbreak, in-field collaborators¹ are facing strong difficulties to maintain interactions with HCPs
- HCPs can adopt 4 behaviors vis-à-vis in-field collaborators:
 - Refuse all types of interactions with in-field collaborators
 - Accept F/F (face-to-face) interactions only
 - Accept E-interactions (i.e. remote) only
 - Accepts F/F and E-interactions
- In-field collaborators can adopt 3 behaviors:
 - Accept F/F interactions only
 - Accept E-interactions only
 - Accept F/F and E-interactions
- The challenge for pharma companies is to remain connected with their "clients" by adopting the appropriate behavior

Sources: Smart Pharma Consulting

¹ Medical Reps, Medical Science Liaisons, Key Account Managers, Key Account Managers, Key Institution Managers, etc.



The offering of high-value services to support HCPs, patients and/or medical institutions in the context of the Covid-19 outbreak, may be rewarding for pharma companies, if well executed

HCP Relationship Management (2/2)

Brand Preference Mix (BPM)¹



 The BPM determines the 3 drivers to be activated to enhance prescriber preference, and thus to optimize market share¹

 In the Covid-19 context, priority should be given at offering services in relation to the outbreak

Covid-19 Outbreak-related Services

- Social-distancing and closure measures in place in most countries affected by the Covid-19 have compelled employees to stay at home
- This unfortunate situation may be an opportunity for pharma companies to offer HCPs, patients and/or institutions new services
- The proposed services should respond to a real need and be preferably connected to the management of the Covid-19 outbreak
- Pharma companies and their collaborators should be:
 - Legitimate to offer these services
 - Capable to deliver a high level of service quality
- In-field collaborators are best positioned to identify possible services
- Unsolicited communication on non-essential and urgent information regarding promoted brands would be viewed as inappropriate

¹ See the position paper "Excellence in Execution Applied to Pharma Companies" on Smart Pharma Consulting website: https://smart-pharma.com/wp-content/uploads/2019/07/Smart-Management-Series-Excellence-in-Execution-VWF.pdf



While collaborators are encouraged or requested to work from home, their manager must be particularly supportive¹ and communicate regularly to reassure them and give precise direction

Collaborators Engagement (1/2)

As the Covid-19 continues to spread, governments and companies are asking people to work remotely, as much as possible, which is a real challenge in terms of motivation and engagement



7 Tips to Working from Home Effectively

- 1. Start and end your day with a routine (e.g. preparing a coffee, shutting down the computer) that defines the workday
- 2. Schedule breaks (e.g. one or two breaks of 10 minutes in the morning and the afternoon, plus a 45 to 60 minutes lunch break)
- 3. Set ground rules with household members (especially if schools and day care are closed) so that to remain concentrated on your work
- 4. Keep a dedicated office space for work and use a noise-canceling headphone to avoid getting distracted by family members
- Get the right equipment (e.g. a monitor for your laptop, a printer, a proper access to Internet, a webcam) and the right applications (e.g. Microsoft Teams, Skype, GoTOMeeting, Zoom, Slack) to facilitate remote interactions
- 6. Interact regularly with your colleagues and manager to prevent loneliness which makes people feel less motivated and productive
- 7. Get clear objectives from your manager while working from home, and set up frequent (daily or at least weekly) progress meetings

Sources: Smart Pharma Consulting

¹ Especially when collaborators feel anxious and/or are not used to work from home



Collaborators could be proposed online training to further develop their skills, spend time on planning activities and be involved in a contest to propose better ways of doing business

Collaborators Engagement (2/2)

3 Suggestions to keep Collaborators Engaged and Productive¹

Set up	Give Priority to	Launch a Creative
Online Trainings	Planning Activities	Business Operation Contest
 The Covid-19 crisis offers an opportunity	 In general, planning activities are not	 The disruption created by the Covid-19
to propose online training courses to	devoted enough attention due to the	outbreak is conducive to rethink
collaborators	daily workload of collaborators	business operation status quo
 These E-learning programs should be designed considering that most collaborators work from home² No compromise on the quality of the program should be accepted nor on the relevance for the employees to undergo a specific training 	 The crisis leading to cancelation of many meetings, the time freed up could be invested to raise the quality of plans (e.g. brand plans, in-field collaborators action plans) by: Revisiting the existing ones Devoting more time at developing new ones 	 Companies should launch a "creativity contest" for its collaborators to find new ways of doing business, along their value chain, so that to: Increase their operational efficacy and efficiency Better interact with and serve their "clients"

¹ These three suggestions are not exhaustive. Depending on companies' specific business situation, some other priorities could be considered to maintain collaborators engagement and thus business continuity – ² The Training Programs proposed by Smart Pharma Consulting can be customized and transformed in E-learning programs in 3 days: <u>https://smart-pharma.com/wp-content/uploads/2019/08/Catalogue-Training-Programs-2020-VW-1.pdf</u>



3. Key takeaways

These recommendations intend to help pharma companies ensure the continuity of their business while complying with their internal rules and the national measures imposed by governments

Our 4 Practical Recommendations

Activities Prioritization

- Priority activities, in the context of Covid-19 outbreak, are those contributing firstly to protect the companies' collaborators, their families and clients...
- ... and secondly to maintain the continuity of the business by ensuring the essential tasks¹

E-Meeting Management

- The generalization of E-meetings, during the Covid-19 crisis, requires to train all collaborators on "best practices"...
- ... and to strictly apply the corresponding rules to ensure their efficacy and efficiency

HCP Relationship Management

- Face-to-face interactions with HCPs becoming very difficult, if not impossible,...
- ... in-field collaborators should try to remain connected by proposing services to help better manage the Covid-19 outbreak

Collaborators Engagement

- Collaborators, not familiar with work from home, should receive guidance and advice to adjust and be productive
- They should be proposed online trainings, devote time to build high-quality plans and participate to a "Creative Business Operation" contest ; to make the best use of time

Sources: Smart Pharma Consulting

¹ Such as drug manufacturing and distribution, pharmacovigilance, medical information



The Covid-19 crisis is likely to leave permanent after-effects that Pharma Affiliates should seize to rethink their business priorities

- The Coronavirus disease 2019 (Covid-19) has spread in 227 countries and led to 344,503 deaths¹, of which 76% are concentrated in 8 countries
- Half of the global population has been asked or ordered to stay at home by their government, with varying stringencies, to slow the spread of the outbreak



- However, considering that most countries are starting to lift, step by step, lockdown restrictions, at this stage of the pandemic, Pharma Affiliates should:
 - Imagine how the Post-Covid-19 Era is going to change HCPs behavior
 - Anticipate the impact of these changes on engaging HCPs
 - Adapt the strategy, tactics and/or organization to these HCP behavioral changes

"The Covid-19 may offer a real opportunity for Pharma Affiliates to rethink their commercial operations"

Sources: Smart Pharma Consulting after Johns Hopkins University data

¹ As of May 25, 2020



In a previous position paper entitled "Covid-19 & Business Continuity¹", we have made practical recommendations on 4 topics to ensure business continuity during the lockdown

Activities Prioritization

- Prioritize activities contributing firstly to protect the companies' collaborators, their families and clients...
- ... and secondly to maintain the continuity of the business by ensuring the essential tasks²

E-Meeting Management

- The generalization of E-meetings requires to train collaborators on "best practices"...
- ... and to strictly apply the corresponding rules to ensure their efficacy and efficiency

HCPs Relationship Management

- Face-to-face interactions with HCPs becoming very difficult, if not impossible,...
- ... in-field collaborators could remain connected by proposing services to help HCPs manage the situation

Collaborators Engagement

- Collaborators, not familiar with work from home, should receive guidance to adjust and be productive
- They could be trained online, build high-quality plans and participate to imagine the Post-Covid-19 world



To optimize HCPs engagement in the Post-Covid-19 Era, Smart Pharma Consulting proposes a method and selected tools, while pre-defining five essential business priorities





At this stage of the crisis, it is impossible to figure out to which extent HCPs behavior with Pharma Affiliates is going to change, but it is the right time to start investigating

Issues to be addressed

 Regarding HCPs behavioral changes induced by the Covid-19 outbreak and relevant to Pharma Affiliates, the following key issues should be addressed:

likely changes? What will be the magnitude of these changes?	What are the driving factors explaining these changes?	How these changes will impact Pharma Affiliates? (Strategically – Tactically Organizationally)
Will these changes be temporary or enduring?		

The most relevant method to prefigure the Post-Covid-19 behavior of HCPs is to collect data from each individual HCP, by in-field collaborators of Pharma Affiliates

HCPs Behavioral Changes

Key Individual Data Collection

Driving Factors

Changes in HCP Medical Practice

- Will the HCP change his practice regarding:
 - Disease diagnosis?
 - Treatment strategy (initiations, renewals, switches)?
 - Patient care (hospital day-care vs. home-care)?
 - Disease monitoring?
 - Follow up of patient adherence to treatment?
- How will the use of telemedicine evolve vs. the Pre-Covid-19 Era?
- Will the institution (e.g. hospitals, healthcare centers) in which the HCP practices limit or forbid the visits by med reps, MSLs and KAMs?

Changes in HCP Engagement with Pharma Affiliates

- Will the HCP reduce in-person and remote calls with med reps, MSLs, KAMs?
- Will the importance of in-person vs. remote calls evolve?
- Will the HCP modify his habits regarding attendance to medical meetings and participation to congresses?
- Will HCP expectations regarding the content of interactions with pharma companies significantly change?
- Will the relative importance of product features, related services and corporate reputation be modified?
- What does the HCP expect from Pharma Affiliates and their in-field collaborators following the Covid-19 crisis?

Each question should be completed by the question "WHY?" to identify the corresponding driving factors



Changes in medical practices and engagement with Pharma Affiliates will vary in duration and magnitude according to each HCP and will have specific impacts at Pharma Affiliates

Impacts for Pharma Affiliates

Data Analysis (1/2)

Changes in HCP Medical Practice

- Will the HCP change his practice regarding:
 - Disease diagnosis?
 - Treatment strategy (initiations, renewals, switches)?
 - Patient care (hospital day-care vs. home-care)?
 - Disease monitoring?
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- How will the use of telemedicine evolve vs. the Pre-Covid-19 Era?
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Sources: Smart Pharma Consulting

¹C1: means behavioral change #1



The identification of each HCP behavioral changes will help Pharma Affiliates figure out the strategic, tactical and organizational adjustments to be made to optimize their performance



Data Analysis (2/2)

Strategic Impact

- Which HCPs should be targeted by in-field collaborators?
- How to reinforce the brand value by strengthening the three components of the "Brand Preference Mix":
 - Product attributes?
 - Associated services?
 - Corporate reputation?

Tactical Impact

- Which interaction channels should be used per HCP?
- Who, from the pharma affiliate, should preferably engage with each of the targeted HCPs?
- How to adapt the content of interactions to each HCP?
- What is the optimal level of interaction per HCP?

Organizational Impact

- How to design / redesign the pharma affiliate organization re.:
 - Activities and competencies of in-field collaborators?
 - Structure² of medico-marketing and sales departments?
 - Key processes associated to interactions with HCPs?
 - Cultural aspects of HCPs engagement management?
 - to best support the revised strategy and the tactics

Sources: Smart Pharma Consulting

 1 C1: means behavioral change #1 – 2 FTEs and organization chart

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The individual and dynamic segmentation of HCPs enables to optimize their targeting and to define the most efficient level and nature of interactions to modify favorably their behavior

1. Segment Dynamically & Individually HCPs



- The dynamic and individual segmentation is based on behavioral criteria and designed to optimize the efficacy and efficiency of medico-marketing and sales interactions per HCP
- This approach has been formalized by Smart Pharma Consulting under the name of BPS¹ and consists in:
 - Segmenting dynamically each HCP, based on the evolution of its number of treated patients and of the weight of the pharma affiliate brand used
 - Determining the key factors driving each HCP behavior (environment, personality and practice)*
 - Evaluating the degree of permeability (accessibility and sensitivity) to medico-marketing and sales activities and channels (e.g. calls, meetings, studies)
 - Adapting the activity and channel mix, as well as the communication style to the personality dominance of each HCP (relational, economic, scientific)

 ^{*} Environment (e.g. patient flow, regulations, public health initiatives, reimbursement, drug prices, influencers) Personality (e.g. early adopter, laggards, price-sensitive, science-driven) Medical practice (e.g. hospital vs. office-based practice, prescribing habits, involvement in clinical studies)

¹ Behavioral Prescriber Segmentation. See the position paper "Best-in-class Pharma Marketers" – https://smart-pharma.com/wp-content/uploads/2019/07/Best-in-class-Marketers-2017-VF.pdf



The Individual HCP Portrait keeps a track record of each HCP behavior regarding the marketed brands and his permeability¹ to medico-marketing and sales interactions, and his personality traits

1. Segment Dynamically & Individually HCPs

HCPs	Total patients / Brand MS ²	Permeability to Calls / Non-calls	Personality dominance		
А	Growing / Stable	High / Mailings	Relational		
В	Stable / Growing	High / Meetings	Scientific		
С	Stable / Stable	Medium / Meetings	Economic		

Individual HCP Portrait

- It is necessary to collect, store, analyze and retrieve for each HCP:
 - The impact of his behavior re. the number of treated patients and the market share of the pharma affiliate brands
 - His permeability to medical calls and other non-call activities
 - His personality traits
- In-field collaborators should be involved in the collection of those data, which should be updated on an ongoing basis

Individual Resource Allocation per HCP

HCPs	Calls #			Mailing #	Messages / Style
А	10	2	0	3	Dialogue / Services
В	6	3	0	0	Scientific
С	4	3	0	2	Economic

- The "Individual HCP Portrait" is used to set, per HCP:
 - The optimal level and mix of medico-marketing and sales activities
 - The appropriate message content and style of communication
 - This proposed approach helps to acquire a better understanding of factors driving HCPs behavior, and especially their brand preference

Sources: Smart Pharma Consulting



The absolute priority for Pharma Affiliates is to maintain regular contacts with each targeted HCP by offering the content he wants through the coordinated combination of channels he prefers

2. Craft a Commercial Omnichannel Strategy

Evolution of in-person vs. remote interactions between Pharma Affiliates & HCPs



- In the Covid-19 outbreak context, in-person interactions between pharma affiliates and HCPs have fallen and been partially offset by remote contacts
- Until the Covid-19 crisis occurred, ~70% of medico-marketing and sales total interactions were coming from in-person contacts
- If most HCPs expect in-person interactions to resume after the crisis, they will reduce the overall number of interactions with in-field collaborators¹, while increasing the weight of remote interactions in their contact mix²
- Therefore, to keep regular contacts with HCPs, Pharma Affiliates can craft an omni-channel strategy which consists in using multiple channels (media) in an integrated approach to optimize their impact
- For so doing, every channel must inter-relate to provide HCPs with consistent and high-value content provided by multiple sources

Sources: Smart Pharma Consulting

¹ Mainly due to the necessity to grant more time to treat patients and to the low value brought by most of in-field interactions –

² The number of HCPs becoming familiar with digital tools has strongly increased, especially by experiencing teleconsultations during the Covid-19 crisis



Digital channels are not the panacea to cope with the Post-Covid-19 Era but, if well-executed and integrated into an individualized omni-channel strategy, they can help engage HCPs

2. Craft a Commercial Omnichannel Strategy



Five Rules for an Effective Omnichannel Strategy per Individual HCP

Identify each HCP preferred channels and usage patterns (e.g. frequency, time of the day, duration)

Select one or several channels (in-person and/or remote, nondigital and/or digital) to be combined, according to the sought objective (e.g. message to convey, partnership to propose, service to offer)

Adapt the content and the format to the channel specificities

Plan carefully the execution of the omnichannel strategy while defining the right sequence of channels and the right timing

Monitor the quality of execution with KEIs¹ and the impact of the omnichannel strategy with KPIs²

¹ Key Execution Indicators – ² Key Performance Indicators. See the position paper: https://smart-pharma.com/wp-content/uploads/2019/07/Smart-Management-Series-KPIs-KEIs-VW.pdf

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The purpose of service-led interactions is to secure access to stakeholders, and especially to HCPs, while boosting their preference for the company's product portfolio

3. Create Service-led Interactions with HCPs¹

- In the case of physicians, an interaction (e.g. medical call, medical meeting) perceived as a service will lead to more regular contacts and...
- ... to a better memorization of the interaction content, a higher probability to convince them and an increased preference to the company's product portfolio



Sources: Smart Pharma Consulting

¹ After the Smart Pharma Consulting position paper "Service-led medical Calls to secure Access to Physicians & boost Brand Preference https://smart-pharma.com/wp-content/uploads/2019/12/Service-led-Medical-Calls-VW.pdf

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The medical reps should measure once a year, during a face-to-face meeting, the opinion of each physician, and its evolution, regarding the quality of their interactions

3. Create Service-led Interactions with HCPs¹

Date:	PROGRAMME D'AMELIORATION	DE LA QUALITE									
	QUALITE DU PROD	UIT									
5. Dans le cadre de la prise en cha	rge du patient, quel degré d'importance	accordez-vous à la p	rise en charge de	la maladie :							
		élevée	moyenne	basse							
Comment évaluez-vous le produ a)d'efficacité b)de tokénace c)de facilité d'utilisation – sa for Globalement for the second sec	me galénique – ses dosages	PROGRAMME D' SERVICES	•	DE LA QUALIT	TE	1 1 6 7	a 9	6			
Globalement 8. Que nous recommandez-vous d	 Sur chacune de ces dimensions, bien que ceux associés à ses con 	estimez-vous que les icurrents, (préciser	services associé	à <u>ce produit</u>) en term	sont : meil es	leurs – iden	tiques – mo	ins			
	a)de diversité ?	Lan.	PROC	RAMME	D'AMEI				LITE		
	 u) du nietes i de qualité d'exécution ? Globalement ? Que nous recommandez-vous d qualité de nos <u>services</u> destinés 	Nom : ABC vient de lancer Pour ce faire, je sou •Sur votre apprécia •Sur vos recomman 1. Comment évalue	naiterais faire un tion : du laboratoi adations pour nou	point avec vo re – du produ s améliorer su	us: iit – des ser ur ces 3 dim IMAGE	vices assoc iensions LABORAT	ctions avec lés au prode OIRE	iit	-]
	IMPORTANCE RELA					•					-
	12. Lorsque vous décidez de presc a) de l'image du laboratoire Application de l'appreche - Band Perform	O 1 2. Pour quelles rais 4. Que nous recom		aire pour amé	4 éliorer notre	5	🔲 Me	illeure	8 I'image du li Identiqu oratoires en	е 🗆 м	oins bonne
									🔺 Sm	art Pharma	Consulting
	L										

- The evaluation of the quality of the medical calls, as perceived by each physician, can be integrated in the measurement of the three components of the Brand Preference Mix:
 - 1. The perception of the promoted brand (efficacy, safety, convenience)
 - 2. The quality of the services proposed, amongst which the content of the medical calls
 - 3. The reputation of the Pharma Affiliate
- This measurement provides the medical reps with:
 - A better knowledge and understanding of the physician
 - A more robust identification of the specific actions and messages the most likely to strengthen the brand preference

Sources: Smart Pharma Consulting

¹ After the Smart Pharma Consulting position paper "Service-led medical Calls to secure Access to Physicians & boost Brand Preference https://smart-pharma.com/wp-content/uploads/2019/12/Service-led-Medical-Calls-VW.pdf



To achieve Excellence in Execution, companies must design a holistic organizational system that will foster the search for excellence by all their collaborators, front line and back-office ones

4. Design an Integrated Customer-facing Organization



- Field Force Activities:
 - Stop activities having no significant impact to raise / maintain brands' value
 - Acquire a high level of market insights⁴
 - Propose and deliver highly valued services, and leverage the corporate image⁵

Field Force Structure:

- Set up a flat organizational chart to favor accountability and empowerment
- Design an adaptative structure that can be easily modified to environment changes
- Co-position functions (e.g. MSLs and medical reps) that share the same customers

Field Force Processes:

- Foster / impose cross-functional collaboration and cohesion to leverage synergies
- Carefully plan key activities and monitor the quality of their execution and their impact with key execution indicators (KEIs) and key performance indicators (KPIs)

• Field Force Culture:

- Develop a culture of customer preference to increase brand market share
- Encourage pro-activity, agility and experiment to find solutions to excel in execution

¹ Medical Science Liaisons –² Key Account Managers –³ Key Institution Managers –⁴ Meaning: have an excellent knowledge and a good understanding of the healthcare system, the key market stakeholders (health authorities, competitors, customers) –⁵ See Smart Pharma Consulting position paper "How to create a superior Pharma Corporate reputation" <u>https://smart-pharma.com/wp-content/uploads/2019/07/Pharma-Corporate-Reputation-VF.pdf</u>



Covid-19 crisis has shown the fragility of our overall society and led many citizens, including HCPs, to reflect on the meaning of their life and to refocus their priorities on human values

5. Develop a Human-focused Reputation

Pharma Industry Reputation & Covid-19 Crisis

- Most pharma companies have been exemplary in managing their collaborators and their customers since the beginning of the Covid-19 outbreak:
 - They have shown kindness to their employees for whom the lockdown has been a challenge
 - They have secured the supply of drugs on the hospital and retail pharma markets
 - They put themselves at disposal of stakeholders, especially HCPs in case of specific needs
- They have a great opportunity to strengthen ties with their collaborators – even if these ties remain fragile considering the upcoming economic crisis and increasing price pressure expected on drugs

Implications for Pharma Affiliates Reputation

- If the pharma industry reputation is unlikely to change dramatically, as a result of the Covid-19 crisis, there is, however, a window of opportunity for individual affiliates
- Corporate reputation is particularly important to enhance HCPs brand preference when products are little differentiated, which is the great majority of cases
- Pharma corporate reputation, from HCPs perspective, is mainly driven by:
 - The quality of their product pipeline and portfolio
 - The quality of their relationships
 - The quality of services offered to HCPs and patients
 - Their societal commitments and their "HUMANITY"

"The general feeling is that so far, pharma companies did the job"



Pharma Affiliates should craft and implement a strategy to do "business with more humanity" and communicate regularly on the corresponding benefits for its stakeholders

5. Develop a Human-focused Reputation

Why Pharma Affiliates should be Human-focused?

- During the Covid-19 crisis, pharma companies and their affiliates have shown their humanity by giving priority to the security of their employees and by supporting their customers
- It is probably the right time for pharma CEOs to manage their company for the benefits of all stakeholders (i.e. employees, customers, suppliers, communities, shareholders)
- Customers, including HCPs, want more than ever – to interact and collaborate with companies having put human relationships at the heart of their corporate purpose



5 Imperatives Pharma Affiliates should put in Practice¹

- 1. Meet or exceed HCPs and other customers (e.g. patients, PAGs, payers, health authorities) expectations
- 2. Invest in employees by offering fair compensation, supporting their development while respecting them
 - 3. Deal fairly and ethically with suppliers
 - Implement corporate social responsibility (CSR) programs likely to have a significant benefit for the society on economic, social and environmental aspects
 - Generate long-term value for shareholders by being a human-focused company and proving it on a day-to-day basis

"In the Post-Covid-19 Era, customers will favor companies with a deep human purpose"

Sources: Smart Pharma Consulting, H. Joly Harvard Business Review, March 24, 2020

¹ Inspired by the "Business Roundtable Statement on the Purpose of a Corporation" signed and committed by 181 CEOs of American companies, in September 2019



3. Key takeaways

These five pre-defined priorities should help Pharma Affiliates adjust to the change of the HCPs expectations, so that to keep them engaged in the Post-Covid-19 Era

5 Pre-defined Priorities

1. Segment Dynamically & Individually HCPs

- The individual and dynamic segmentation of HCPs enables to optimize their targeting...
- ... and to define the most efficient level and nature of interactions to modify favorably their behavior

2. Craft a Commercial Omnichannel Strategy

- Digital channels are not the panacea to cope with the Post-Covid-19 Era...
- ... but, if well-executed and integrated into an individualized omni-channel strategy, they can help engage HCPs

3. Create Service-led Interactions with HCPs

- The purpose of service-led interactions is to secure access to stakeholders, and especially to HCPs...
- ... while boosting their preference for the company's product portfolio

4. Design an Integrated Customer-facing Organization

 To achieve Excellence in Execution, companies must design a holistic organizational system that will foster the search for excellence by all their collaborators, front line and back-office ones

- 5. Develop a Human-focused Reputation
- Pharma Affiliates should craft and implement a strategy to do "business with more humanity"...
- ... and communicate regularly on the corresponding benefits for its stakeholders







Smart Pharma Consulting proposes to share insights regarding 8 topics that are essential to play and to win in the pharmaceutical industry

- This position paper provides specific insights for those who want to anticipate the global pharma market evolution over the 2019-2024 period, while considering the impact of the Covid-19
- We have selected 8 topics for which we share our knowledge and thoughts:
 - Part A Pharma Market Insights

Part B - Pharma Company Insights

- 1. Size and Dynamics by Geography
- 2. Size and Dynamics by Business
- 3. Attractiveness
- 4. Access to Market



- 5. Strategic Directions
- 6. R&D Operations
- 7. Manufacturing & Supply Chain Operations
- 8. Medico-Marketing & Sales Operations

Part A – Pharma Market Insights – 1. Size and Dynamics by Geography

Smart Phar

Sales of EU5¹ should grow slowly by 2024 due to stringent cost containment measures leading to a two-point decrease of their weight in the global pharmaceutical market



- The global pharma market is expected to grow with of a CAGR of +4.4% by 2024 including the impact of Covid-19, that should negatively impact volumes over 4 to 6 months in 2020 and lead to higher pressure on prices worldwide in the next 5 years
- EU5 countries account together for only 14% of the global pharma market (Germany: 4%, France: 3%, Italy: 3%, UK: 2% and Spain: 2%) and should see their weight drop by 2 points by 2024, due to higher price pressure than in the average of the other countries
- North America should continue to weigh for 43% of the global pharma market in value and contribute to 44% to worldwide market growth over the 2019 – 2024 period

Sources: IQVIA Institute (March 2020) - Smart Pharma Consulting estimates

¹ France, Germany, Italy, Spain, UK -² Ex-factory price before rebates -³ Brazil, Russia, India -⁴ USA and Canada

2020 Half-Year Collection



Part A – Pharma Market Insights – 2. Size and Dynamics by Business



All the business segments of the pharma market will be affected by the Covid-19 crisis through a volume effect in 2020 and a strong price pressure over the 2019-2024 period



- OTCs, which should remain the smallest segment of the global pharma market, has been significantly affected by the Covid-19 crisis, especially during the lockdown period and the following months
- Generics and biosimilars should continue to grow in volume due to patents expiry, but pressure on prices should intensify on this market segment
- Biotech originators should become the main driver of innovation in the next 5 years
- Non-biotech originators should be less dynamic, but they should remain the largest segment of the global pharma market

Sources: IQVIA Institute (March 2020) – Smart Pharma Consulting estimates


Part A – Pharma Market Insights – 3. Attractiveness



By 2024, the sales growth of the pharma market should be essentially driven by generics and biotech originators, but pharma companies should lose two points of profitability



- By 2024, the global pharma market should reach USD 1,550 B and grow at a pace of +4.4% per year, i.e. 1.8 point of percentage above the forecasted worldwide economic growth, but 0.6 point below the pre-Covid-19 estimates
- The average EBITDA of the Pharma industry should decrease from ~32% in 2019 to ~30% in 2024, mainly as a result of increasing price pressure
- In 2024, the average profitability of pharma companies should remain more than 4 times higher than the average of all other business sectors
- The biotech segment will remain very attractive but biosimilar competition will ramp up
- The OTC segment appears to be the least attractive

Worldwide economic growth - CAGR 2019-2024: +2.6%

¹ Including branded and unbranded generics and excluding OTC – ² Excluding biosimilars, already included in the "Generics" segment – ³ Earnings before interest, taxes, amortization and depreciation

Sources: IQVIA Institute (January 2019) – Smart Pharma Consulting estimates



Part A – Pharma Market Insights – 4. Access to Market



The Covid-19 crisis will have a negative impact, irrespective of the countries, over the 2019-2024 period due to lockdown restrictions and its economic consequences



2018 analysis based on a sample of 121 products approved by EMA (European Medicines Agency) between January 2015 and December 2017

- The Covid-19 pandemics should defer the availability of new medicines in all countries, due to:
 - Lockdown measures having delayed the assessment of drug registration and market access negotiations
 - The induced economic crisis which will lead to stricter cost containment measures
- In most European countries, delays between marketing authorization and drugs availability exceed the 180 days recommended by the European Commission
- The UK and Germany have no delay since reimbursement and price negotiations occur once the product is in the market
- Delays vary widely, due to the time required to obtain their inclusion on reimbursement list and to agree on a price
- Delays are harmful for pharma companies which face a loss of revenues¹ and patients who do not have access to innovation
- The slowing down of the pricing and reimbursement approval process is used by several countries to contain the cost of new drugs with a price likely to be higher than the existing ones
- The delay is also often due to the difficulties for the drug pricing committee and the pharma company to come to an agreement

² For drugs receiving their first marketing authorization between 2015 and 2017

¹ Excluding early access programs for breakthrough innovations (e.g. ATU in France) –

Sources: Patients W.A.I.T. Indicator – EFPIA (April 2019) – Smart Pharma Consulting analyses



Part A – Pharma Market Insights – 4. Access to Market



Drug price pressure imposed by public or private payers is going to intensify, more than ever, irrespective of the value created

Historical Trends

- Payers¹ put in place increasingly drastic measures to control drug cost growth
- Drugs account for ~20% of the total healthcare costs², but are used by payers as the main lever of cost-containment³
- HTA⁴ agencies and drug pricing committees control drug cost through:
 - The definition of the target population
 - The positioning of the drug in the therapy
 - The price set per unit of the drug
 - A capping of the drug turn-over reimbursed
- Progressive shift from pay-per-product to pay-per-performance pricing model

2020 Impact

- Delays in drug assessment due to lockdown (part-time activities, backlog assessment put on hold)
- Redirected priorities to assess technologies related to the Covid-19
- Price negotiations becoming tougher due to tighter budgets resulting from financial disruption, across the board
- Considering the anticipated worldwide financial recession, HTAs and payers should put more emphasis than ever on assessing the value of drugs for patients and healthcare systems

2021 – 2024 Impact

- Strong squeezes drug (innovative, metoos, biosimilars, generics, vaccines) prices which are likely to affect by ~2 points the average profitability of the pharma sector
- Value-based pricing models, incl. payper-performance, will become the rule, especially for innovative drugs, if the implementation is not too complex
- Generalization of a budget approach by disease (e.g. € 700M budgeted for antidiabetic drugs on a given year) with a mechanism of drawbacks per drug prescriber for that disease

Sources: Smart Pharma Consulting analyses

¹ Either public or private $-^2$ After the OECD publication "Health at a Glance" (2019) $-^3$ Cost-containment measures applied to drugs are easy to implement and well accepted by citizens, unlike those applied to hospital, ambulatory care, long-term care, which have a significant deleterious social impact (layoffs, pay cuts) $-^4$ Health Technology Assessment



Part B – Pharma Company Insights – 5. Strategic Directions



Best performers are focused on innovative Rx-bound drugs and generate an important share of their revenues from the USA, which is the most profitable and dynamic market

Top 20 pharma companies Strategic Mapping¹



Note: Rx Branded focused: Original Rx-bound drugs and vaccines ≥ 75% of total product sale – Geographically focused: >50% of sales in a single geographical region (e.g. USA, Europe, Japan, etc.)

Sources: Companies annual reports (2018) – Smart Pharma Consulting analyses

¹ Top 20 pharma companies based on their prescription sales – ² France, Germany, Italy, Spain, UK – ³ Including segments of the population with lower income and/or from rural areas



Part B – Pharma Company Insights – 6. R&D Operations



The important growth in oncology will be mainly driven by anti PD-1 products while immunosuppressants will benefit from an increased incidence of chronic diseases



- The 2024 therapeutic area forecasts shows the steadily increasing weight of specialty products, sustained by the development of new biological drugs
- Oncology prevails as the leading therapeutic area and will be notably driven by the growth of PD-1 inhibitors
- Immunosuppressants will have the highest CAGR through 2024, driven by the incidence of chronic diseases and the use of immunotherapeutic agents in clinical development for other therapeutic areas
- Biosimilars are beginning to make their mark on the anti-rheumatic segment, which should see a decline in its CAGR despite the high drive in sales from JAK inhibitors
- If a vaccine and/or a treatment for the Covid-19 were discovered, the Vaccines and the Anti-virals segments could be boosted over the period

Sources: World Preview 2019 – Outlook to 2024 , Evaluate Pharma (June 2019) – Smart Pharma Consulting estimate



Part B – Pharma Company Insights – 6. R&D Operations



The Covid-19 crisis should contribute to accelerate AI use and further increase partnerships between pharma players to speed up the development of new drugs

Historical Trends

- A lot of hope has been placed in the potential contribution of Artificial Intelligence (AI) to streamline the development of drugs
- In January 2020, for the 1st time, the UK firm, Exscientia, managed to move a drug from the pre-clinical to the clinical stage in 12 months by using AI; which is five times less than what it would have taken without AI
- The use of AI can potentially accelerate timeline and reduce cost of R&D, but most pharma companies are not yet using it

2020 Impact

- The Covid-19 pandemic appears to be a tipping point for the use of AI in accelerating the R&D timeline to find a vaccine or a treatment
- For example, BenvolentAl, in three days, selected six out of more than 370 drug candidates that could be active on the Covid-19, with an Al-based discovery platform
- The Covid-19 crisis has led numerous collaborations, as surprising as the one between the "enemy brothers", Sanofi and GSK, to co-develop a vaccine

2021 – 2024 Impact

- The value of AI to select the drug candidates likely to have the best efficacy / safety ratio will lead to a significant increase of their use
- Big pharma companies will increase their partnerships with other pharma companies, with public and private research centers and data centers to improve their R&D productivity
- The articles¹ published in the New England Journal of Medicine and the Lancet and then withdrawn due to lack of data reliability will lead much stricter peer review processes



Part B – Pharma Company Insights – 7. Manufacturing & Supply Chain Operations



The Covid-19 crisis might lead to relocate the manufacturing of certain essential drugs in Europe, while CMOs¹ should account for ~30% of the drugs produced by the end of 2024

Historical Trends

- Pharma companies have tried to control or even reduce their manufacturing costs, which account for ~27% of their revenues, by implementing strategies such as:
 - Relocation in low manufacturing cost countries like India or China
 - Outsourcing to CMOs which are flexible and/or have specific assets and expertise (e.g. in biologicals)
 - Shifting from conventional batch to continuous manufacturing system
 - Digitalization of production and distribution to increase efficiency

2020 Impact

- With China and India representing 70 to 80% of the APIs manufactured in the world, the EU, under the pressure of the German and French governments, is going to develop a plan to increase EU sovereignty on medical and pharmaceutical products
- If financial and regulatory incentives are introduced at the EU and/or national levels, some pharma companies may relocate certain drugs in Europe, but it is likely to be limited due to the negative impact of such a move on cost of good sold and thus on their profitability

2021 – 2024 Impact

- Pharma companies will keep on streamlining their manufacturing capabilities by shutting down, spinning off² or selling plants³
- The outsourcing of drug production should increase from ~25% to ~30% of the volumes, over the period
- To de-risk the supply chain, pharma companies will favor partnerships:
 - With CMOs having an international presence
 - With multiple CMOs in parallel

Moving from fee-for-service deals to complex joint ventures



Part B – Pharma Company Insights – 8. Medico Marketing & Sales Operations



Medical Affairs will become, more than ever, essential to engage KOLs and other key stakeholders to take the full benefit of the products pharma companies offer

Historical Trends

- Medical Affairs operations are increasingly essential to generate and disseminate high-quality scientific data related to:
 - Diseases and corresponding treatments
 - Pharma company's products
- Medical Affairs play a key role in engaging KOLs¹ and other stakeholders² by showing how their products improve patient outcomes with clinical and real-world evidence data
- They also gather information on patient unmet needs to direct the R&D

Medical Affairs Operations

2020 Impact

- The Covid-19 outbreak and the related lockdown restrictions have led to:
 - Limited interactions with KOLs and other stakeholders
 - Cancellations or transformations of medical meetings³ into e-meetings
 - Disruptions in the recruitment and follow-up of patients in clinical studies / IISs⁴
- Interactions between Medical Affairs, KOLs and other stakeholders are progressively resuming with the lifting of the lockdown restrictions

2021 – 2024 Impact

- The on-going decreasing efficacy of marketing and sales activities to engage HCPs will make Medical Affairs more and more important, to do so
- Medical Affairs should help key stakeholders prioritize the increasing abundance of scientific data, incl. clinical and real-world evidence data, to make better therapeutic decisions
- Medical Affairs, Market Access and Commercial teams should work closely and in a coordinated way to optimize the perceived value of their products

Sources: Smart Pharma Consulting analyses



Part B – Pharma Company Insights – 8. Medico Marketing & Sales Operations



Pharma marketing strategies should, more than ever, focus on offering high-value content and building strong relationships, so that to raise HCPs preference for marketed brands

Historical Trends

- The number of marketing interactions per HCP has significantly decreased
- Marketing initiatives have become much more customer-focused, as shown by the development of services¹ for:
 - Institutions and HCPs to facilitate diagnosis and treatment choices
 - Patients, often through PAGs², to improve adherence, quality of life, etc.
- Invitations of HCPs to congresses and to other medical meetings have also significantly dropped and been even stopped by certain pharma companies

Marketing Operations

2020 Impact

- During the lockdown period³ and the following months, congresses and other meetings have been digitalized, postponed or even cancelled
- The number of commercial interactions will be lower than in 2019...
- ... while the importance of digital channels will significantly increase vs. conventional ones
- Pharma companies are crafting multior omni-channel strategies in the hope of securing regular interactions with HCPs, across the year

2021 – 2024 Impact

- AI will be more systematically leveraged to gather actionable insights
- HCPs engagement will take greater account of their individual profile
- HCPs will require high-value marketing content and service offering, while interacting with pharma companies' collaborators
- The marketing battle will be focused on raising HCPs brand preference by leveraging the drug value, the quality of associated services and the corporate reputation⁴

Sources: Smart Pharma Consulting analyses

¹ Conventional or digital, including Apps – ² Patient Advocacy Groups – ³ Two or three months, depending on the countries – ⁴ See the "Brand Preference Mix" concept and tools developed by Smart Pharma Consulting: <u>https://smart-pharma.com/wp-content/uploads/2019/07/Stakeholders-Brand-Preference-Mix-2016-EN-web.pdf</u>



Part B – Pharma Company Insights – 8. Medico Marketing & Sales Operations



To positively influence HCPs, med reps should be able to carry out regular and highly valued interactions – either in-person or digital – and propose them useful services

Historical Trends

- Strong decrease in face-to-face interactions between HCPs and med reps (40 to 50% over the last 10 years)...
- ... partially outweighed by virtual contacts
- The youngest generation of physicians (below 40-45 years old) considers medical calls (either in-person or remotely) as useless, most of the time
- Coordination between med reps and MSLs is increasing but remains limited, due to regulatory and compliance barriers
- Sales activities are mainly in-person and still very focused on quantitative aspects

Sales Operations

2020 Impact

- During the lockdown period (~2-3 months) in-person and remote interactions between HCPs and med reps have been largely restricted
- 10-15% of HCPs are likely to not accept anymore calls from medical reps, following the Covid-19 crisis
- The proportion of remote vs. in-person calls will increase but their sum will be significantly reduced vs. previous years
- HCPs are more than ever expecting useful and interesting contents from medical reps

2021 – 2024 Impact

- The number of interactions between HCPs and med reps (either in-person or remotely) will further decrease¹
- To keep on interacting with HCPs, med reps have no choice but to create bespoke service-led interactions²
- Content communicated must be adapted to each HCP fields of interest and needs to offer him a high value
- Med reps should orchestrate their interactions, combining different channels, according to the content to convey and to each HCP preference

Sources: Smart Pharma Consulting analyses

¹ By 30% to 40% between 2019 and 2024 – ² See our position paper: <u>https://smart-pharma.com/wp-content/uploads/2019/12/Service-led-Medical-Calls-VW.pdf</u>



Conclusions



The Global Pharmaceutical Market will remain very attractive despite a much stronger pressure on drug prices, partly outweighed by early and broader access to patients

Global Pharma Market Perspectives 2019-2024

Market Opportunities	Market Threats			
 Despite the Covid-19, the pharma market should increase by 4.4% p.a., on average, over the 2019-2024 period 	 Increasing price pressure on all categories of drugs (innovative or not, reimbursed or not) from public and private health insurers; and from patients for OTCs Higher risks and stricter regulations re. R&D and registrations, leading to higher costs to launch innovations Increasing difficulties to interact with healthcare professionals to inform them or create partnerships due to lack of interest and time, and regulatory constraints 			
 Access to high quality healthcare is the top priority of governments and citizens Boosted opportunities to discover new treatments – such as for a Covid-19 vaccine – through partnerships: Public-Private with academics¹ or public funds² Private-Private with other pharma companies³ 				
Implications				

- The Global Pharma Market will remain one of the most dynamic and profitable industrial sectors over 2019-2024, despite a decrease from 5.0% to 4.4% of its CAGR and from 32% to 30% of its profitability, due to the Covid-19 pandemic
- Drastic budget constraints of payers and willingness of governments to give patients, early and broad access to innovations, will lead pharma companies to accept lower prices than in the past that should be partly offset by higher volume sold

Sources: Smart Pharma Consulting analyses ¹ AstraZeneca and Oxford University in the UK – ² Sanofi and the BARDA (Biomedical Advanced Research and Development Authority) in the USA – ³ Sanofi and GSK biologicals



Conclusions



The future of pharma companies should be bright, provided they adopt a focused strategy, keep on improving their operational efficiency and design a lean organization

Global Pharma Companies Perspectives 2019-2024

Pharma Companies Strengths

- Improving portfolio management with a more focused strategy on the most attractive strategic segments
- Breakthrough innovative drugs to come by the end of 2024
- Increased manufacturing efficiency with Artificial Intelligence
- Better clinical studies quality and development of real word evidence data contributing to optimize drugs benefits
- Reduction or removal of marketing and sales investments having no or limited business impact

Pharma Companies Weaknesses

- Weak negotiating power of pharma companies vs. public or private payers (e.g. HMOs in the USA)
- Lack of robust strategy as shown by frequent changes of priorities amongst numerous pharma companies¹
- Rigidity and complexity of internal processes preventing pharma companies from optimally seizing opportunities and addressing threats¹
- Underperforming marketing and sales investments

Implications

- R&D-based companies should focus on a limited number of attractive TAs and countries with the USA being the top priority
- The potential for efficiency and efficacy improvements along the value chain of pharma companies is important, especially in R&D, marketing and sales operations
- Pharma companies' organizations should need to simplify their processes and become further agile

Sources: Smart Pharma Consulting analyses

¹ See the position paper "Best-in-class Pharma Strategy Crafting": <u>https://smart-pharma.com/wp-content/uploads/2019/07/Best-in-class-Pharma-Strategy-WFV.pdf</u>



Conclusions



Best performing pharma companies have in common to market better drugs, offer highly valued services and have a good reputation, driving the preference of their stakeholders



¹ Real World Evidence data – ² Patient advocacy groups – ³ See the position paper "How to create a superior Pharma Corporate Reputation?": <u>https://smart-pharma.com/wp-</u> <u>content/uploads/2019/07/Pharma-Corporate-Reputation-VF.pdf</u> –⁴ And to a lesser extent in distribution or manufacturing facilities – ⁵ Corporate Social Responsibility





In this position paper, Smart Pharma Consulting proposes an analysis of recent changes that have affected French retail pharmacies and an assessment of their perspectives by 2023

Context and objectives

In this position paper, Smart Pharma Consulting proposes to answer the following questions





Although drugs expenditure is only the third largest source of spending in France, it is under a higher pressure as it is politically and technically the easiest to reduce



Breakdown of public and private healthcare expenditure

Sources: "Les dépenses de santé en 2018", DREES (2019) – INSEE – Smart Pharma Consulting analyses ¹ Other healthcare goods and services, including patient transportation and other medical goods – ² CCMG: Consumption of care and medical goods – ³ CEH: Current expenditure on health



Pharmaceutical products can be split into prescription- and non-prescription-bound drugs, knowing that some of the prescribed drugs are not reimbursed

Pharmaceutical products Food supplements (requiring a marketing authorization) (no marketing authorization) **Prescription-bound** Non prescription-bound Prescription Prescription (included in the List I or II of (not listed among toxic/dangerous conditions not required substances) Reimbursement Not reimbursable **Reimbursable** / Reimbursable Not reimbursable (only if prescribed) status non reimbursable (OTCs) Allowed upon Not allowed³ **DTC advertising** Not allowed¹ Not allowed¹ Authorized upon request⁶ request² Not requested⁴ Pharmacy Pharmacy Pharmacy Pharmacy Pharmacies. **Delivery point** Behind the counter Behind the counter Possible free access⁵ Possible free access⁵ Parapharmacies, etc. Prescription No prescription Prescription €1.4 B € 0.2 B € 0.8 B , € 0.7 B Semi-ethical DTC Pharmacy-**Ethical drugs** Health products⁷ drugs promoted drugs drugs € 24.6 B OTX Market: € 1.6 B OTC Market: € 1.5 B 2018 sales (€ 17.5 B in retail pharmacies and € 7.1 B at hospitals) Self-medication market: € 1.0 B

Classification of pharmaceutical products

Note: OTC = Over-the-counter, OTX = combination of prescription (RX) and over-the-counter (OTC), DTC = Direct to consumer

Sources: ANSM – DGCCRF – Smart Pharma Consulting analyses ¹ Rare exceptions (e.g. vaccines) – ² Whatever the claims – ³ Psychotropic or narcotic drugs – ⁴ When the pharma company does not wish to communicate to the general public – ⁵ Possibility of "free access" within the retail pharmacy for certain OTC products – ⁶ Only for claims relating to healing, alleviating or preventing diseases – ⁷ Other than drugs and pharmaceutical products



Since 2013, spending on drugs has been mainly driven by hospital sales and by non-reimbursed drugs and generics sold in retail pharmacies

Evolution of drugs sales by segment (2013 – 2018)



¹ Constant ex-factory prices – ² Estimated rebated sales including hospital sales of biosimilars, products invoiced on top of "T2A" and reassigned medicines – ³ In 2018, classes of drugs (e.g. hepatitis C) have been transferred from the hospital to the retail market – ⁴ Reimbursable generics and quasi-generics – ⁵ Sales of drugs whose patents have not expired and of other specific products (e.g. calcium, sodium, potassium, paracetamol) – ⁶ Compound Annual Growth Rate

Sources: GERS dashboards — Smart Pharma Consulting estimates



2. Drugs distribution

The drug supply chain organization involves 4 categories of stakeholders which are highly dependent on the decisions made by healthcare authorities and payers



Key stakeholders

Sources: CSRP – LEEM – GERS – French Council of Pharmacists – ANSM – DREES –Ameli and RPPS database –Smart Pharma Consulting analyses

¹ Accounting for ~97.7% of the wholesalers market in 2018 – ² Pre-wholesalers –³ Including 620 pharmacies located in French overseas departments – ⁴ Of which 17 with more than 500 members individually – ⁵ Mandatory or optional medical prescription, reimbursed or not



2. Drugs distribution

~80% of the value goes through wholesalers, who are the cornerstone of the supply chain between pharma companies and retail pharmacies

Share of direct sales in the retail market



Sources: Xerfi – LEEM – GERS – CSRP –ANSM – Register of the French pharmaceutical establishments – Smart Pharma Consulting analyses ¹ Pre-wholeselling to wholesalers or VTOs or directly selling to retail pharmacists – ² Market share in value (2018) – ³ Non-members of the "Chambre Syndicale de la Répartition Pharmaceutique (CSRP)"



Amongst the three fundamental pillars of retail pharmacies, only the monopoly on the dispensing of self-medication products could be called into question

The 3 fundamental pillars of retail pharmacies in France



Sources: Interviews with retail pharmacists and representatives from VTOs and professional unions (September 2019) – Competition authority report (April 2019) – "La pharmacie d'officine: nouveaux défis, nouvelles opportunités de croissance", Les Echos Etudes (2017) – Smart Pharma Consulting analyses

¹ "Inspection Générale des Finances": General Inspectorate of Finance



Although questioned by distribution chains and reports, French governments and people have always shown an attachment to retail pharmacists monopoly



Monopoly – Situation in Europe

Sources: Desk research – Competition Authority report (April 2019) – Smart Pharma Consulting analyses



If the monopoly is challenged, we estimate that the maximum impact for French retail pharmacies would be less than 1% of their total sales, i.e. ~5% of their OTC sales

Monopoly – Estimated impact of French retail pharmacies monopoly loss



Sources: Smart Pharma Consulting analyses and estimates



Since January 2nd, 2013, non-prescription-bound medicines can be sold online by pharmacies under some specific conditions...

Monopoly – Online drugs sales – Regulation

Date of authorization	The online sale of medicines is allowed in France since January 2nd, 2013 ¹			
Authorized drugs	All non-prescription-bound medicines , either reimbursable if prescribed or not reimbursable drugs (+/- 4,300 references)			
	The website must be attached to a physical retail pharmacy and managed by the pharmacy owner			
Conditions of creation	 It must be authorized by the Regional Health Agency (ARS) before being opened and declared to the French Council of Pharmacists (Ordre National des Pharmaciens) 			
and activity	 Patients must fill a health status questionnaire before placing the first order on a given website 			
	 Drugs can be either directly sent to the patient or delivered to the pharmacy to which the website is attached 			
	• Comply with online commerce rules and good practices set by a decree issued by the Ministry of Health			
	 In March 2015, a ministerial decree limiting the promotion of online pharmacies was canceled by the State Council, authorizing the online promotion of non-prescription bound medicines 			
Evolution of the regulation	 Since July 1st, 2015, a unique logo for the entire European Union appears on websites authorized to sell drugs online 			
	 On December 1st, 2016, 2 ministerial decrees on good practices and technical rules applicable to Internet websites for the online commerce of medicinal products was published on the Official Gazette and entered into force in February 1st, 2017 			

Sources: Ministry of Health – French Council of Pharmacists – AFIPA – GERS – Decree of December 19th, 2012 – Competition Authority reports – Smart Pharma Consulting analyses

¹ Published in the Official Gazette on December 21st, 2012



... but corresponding sales remain limited, as online purchases are estimated to represent about 2% of the total self-medication purchases

Monopoly – Online drugs sales – Key Facts & Figures

Number of authorized websites

 As of January 2020, 689 websites¹ are officially authorized by Regional Healthcare Agencies (ARS) and published by the French Council of Pharmacists (Ordre National des Pharmaciens)

Performance

- According to French Council of Pharmacists, online purchases represented in 2017 about 2% of the total self-medication purchases in France
- In comparison, the online channel represents up to 18% of the total self-medication purchases in Germany or in the UK (where online drug purchases have been authorized since 2004 and 2000, respectively)

Patients behavior

- Experience of online purchases: according to various studies, ~10% of French people have already bought non-prescription-bound medicines online
- Willingness to purchase online in 2015: 45% of patients declared to consider drugs purchase online vs. 30% in 2013 and 13% in 2012

Key drivers for online purchases

- Convenience: home delivery in 24 to 48 hours
- Possibility to compare prices (with platforms like Unooc)
- Lower prices than those in physical retail pharmacies

Sources: French Council of Pharmacists – IRACM – IFOP for Giphar (April 2016) – Quotidien du Pharmacien (July 2019) – Smart Pharma Consulting analyses

¹ Compared to 431 on September 2017



Various government reports have advocated the opening of the capital of pharmacies but it does not seem that there is any real political will to adopt such a law

Capital – Situation

Current regulation

- In Europe, although some countries have made the choice to reduce the ownership of retail pharmacies capital to pharmacists, as in France, other countries have chosen to open the capital of retail pharmacies to non-pharmacists, leading to the creation of drug chains (e.g. UK, Netherlands, etc.)
- In this context, and since the early 2000s, various government reports aimed at modernizing the French economy (e.g. Beigbeder, Attali and Longuet reports) recommended the opening of the capital to non-pharmacists ...
- ... like the European Commission which, in March 2007, put France and other countries in need of liberalization
- Subsequently, the European Court of Justice was solicited on similar cases in Italy and Germany. It ruled that a pharmacist "is supposed to operate the pharmacy not for a purely economic purpose, but also for a professional purpose related to his medical training. The subordination of pharmacists, as employees, to an outside operator could make it difficult to oppose the instructions given"
- More recently, in October 2014, the **Ferrand report** submitted to the Minister of the Economy, recommended "to allow the **opening** of the capital of the liberal exercise societies (SEL) within the health professions, subject to the respect of the rules of incompatibility"
- The negotiations following the Ferrand report are today in the spirit of compromise, with the possibility of opening up the capital to the employees of the pharmacy only

Sources: Press release n° 44/09 from the Court of Justice of the European Communities –Ferrand report (October 2014) – La distribution au détail du médicament au sein de l'Union Européenne: un croisement entre santé et commerce, CAIRN – Le Quotidien du Pharmacien (13/10/2014) –Smart Pharma Consulting analyses



Since November 2019, retail pharmacists must report to the French Council of Pharmacists all agreements / amendments signed with their related parties (including lenders)

Capital – Recent measure

The "Transparency" amendment (July 2019)

- On July 24th, 2019, the article L4221-19 of the French Public Health Code was amended to increase transparency on the agreements that may signed between pharmacy owners and non-pharmacists (e.g. investment funds)
- The amended article is written as follows:
 - "Pharmacists must communicate to the French Council of Pharmacists, in addition to the statutes of their pharmacy and their endorsements, all agreements and corresponding amendments related to their operations with related parties, including partners and, when applicable, lenders contributing to the funding of their pharmacy"
 - "These documents must be communicated within one month after the signature of the agreement or amendment"
 - "Contractual provisions which are incompatible with the rules of the profession or which may deprive the contracting parties of their professional independence render them liable to the disciplinary sanctions provided for in Article L. 4234-6 of the French Public Health Code"¹
- This amendment came into force from November 1, 2019

Sources: Legifrance - Smart Pharma Consulting analyses

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¹ Penalties up to the prohibition from exercising



The authorization to set up a pharmacy in a city depends on the number of inhabitants and any creation, grouping or transfer is subject to the issue of a license

Quorum – Situation

Current regulation

- In France, the authorization to establish a retail pharmacy in a city depends on the number of inhabitants identified in the city where it will be located, in accordance with the numerus clausus
- The opening of a pharmacy, by transfer or creation, is possible in cities with over 2,500 inhabitants (or 3,500 in Guyana, Moselle and Alsace and 7,500 for Mayotte). Then, the opening or transfer of new pharmacies is allowed for every 4,500 inhabitants. Thus, a second pharmacy can be located in a city with more than 7,000 inhabitants
- The establishment of a pharmacy in a city of less than 2,500 inhabitants is not allowed unless the city previously had a pharmacy that served more than 2,500 inhabitants
- The transfer of a pharmacy to another city is possible only if the city of origin has fewer than 2,500 inhabitants, if there is only one pharmacy or a population of less than 4,500 inhabitants per additional pharmacy
- Any transfer, grouping or creation of pharmacies is subject to the issue of a license by the Regional Health Agency (ARS)
- In some cases, the regional Prefect may also impose a minimum distance between the pharmacies of the district where the transfer takes place

Sources: Public service website (September 2019) – Smart Pharma Consulting analyses



The revision of the smoothed digressive margin is part of a decorrelation process between the economy of retail pharmacies and the price of reimbursed drugs

Evolution of the smoothed digressive margin on ex-factory price¹ (2017 - 2020)25,5% 21.4% 13,0% 10.09 10.0% 8,5% **8.5%** 6,0% 7.0% 6,0% 6,0% 5,5% 6,0% 5.0% 0,0% 0,0% 0.0% 0.0% 2017 2018 2020 2019 From € 0 to € 1.91 From € 1.92 to € 22.90 From € 22.91 to € 150.00 —From € 150.01 to the capping amount² Higher than the capping amount²

Retail pharmacists margins and fees for reimbursed drugs – Excluding rebates

- The main priority of the 11th amendment³ to the National Pharmaceutical Agreement is to change the remuneration of retail pharmacies and make them less dependent on the price and volume of reimbursable drugs
- Thus, it proposes progressive transfer to new forms of remuneration related to dispensing and to the improvement of patients management

New dispensing fees	2019 ¹	2020 ¹
Fees for the delivery of a prescription	€ 0.50	€ 0.50
Fees related to the age of the patient (you children and elderly people)	th € 0.50	€ 1.55
Fees for the delivery of specific drugs (e.g. immunosuppressive drugs)	€ 2.00	€ 3.50
New missions	Remuneration (2019)	
Medication reports for elderly people taking more than 5 drugs	€ 60 for the initial interview and then € 30 ⁴ or € 20 ⁴	
Belonging to a primary care team	€ 420 per year	
Share medical file	€ 1 per open medical file	

Sources: 11th amendment to the National Pharmaceutical Agreement (July 2017) – Official Gazette (September 2015, December 2017 and November 2018) – 11th Meeting of the USPO (January 2019) – Le Moniteur des pharmacies (December 2019) – Smart Pharma Consulting analyses

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¹ VAT excluded –² Amount from which the margin is capped: €1,500 in 2017, € 1,515 in 2018, € 1,600 in 2019 and €1,930 in 2020 – ³ The amendment was signed by only 1 of the 3 French pharmaceutical unions – ⁴ Whether new treatments are initiated in subsequent years or not



4. Sector financial performance

In 2018, reimbursable originators accounted on average for ~54% of retail pharmacies sales and ~42% of their gross margin

Economic structure of retail pharmacies in France (2018)



Sources: CGP Experts Comptables – KPMG – Smart Pharma Consulting estimates ¹ Inclusive of legal margin, rebates, commercial agreements and remuneration for pharmaceutical services, notably those corresponding to the public health objectives (e.g. generics substitution objectives, pharmaceutical interviews with patients, etc.)



4. Sector financial performance

In 2023, reimbursable originators should account on average for ~50% of retail pharmacies sales and ~39% of their gross margin

Economic structure of retail pharmacies in France (2023)



Sources: CGP Experts Comptables – KPMG – Smart Pharma Consulting estimates ¹ Inclusive of legal margin, rebates, commercial agreements and remuneration for pharmaceutical services, notably those corresponding to the public health objectives (e.g. generics substitution objectives, pharmaceutical interviews with patients, etc.)



4. Sector financial performance

The revitalization of sales (by the expansion of products and services offering) as well as cost and management optimization are the key levers to protect / increase profits



Optimization levers by retail pharmacy

Sources: CGP Experts Comptables (2019) -Smart Pharma Consulting analyses

¹ Including dispensing fees and other remunerations (e.g. ROSP) which averaged $\sim \in 187$ K per retail pharmacy in 2018 – ² Before amortization, financial expenses and dues paid to the pharmacist owner -3 Including social charges and contribution for non-salaried workers



The room for improvement of retail pharmacies performance is important but requires to rethink and reshape the role and the organization of pharmacies

Overview of levers and solutions to improve retail pharmacies performance



Sources: Smart Pharma Consulting analyses



Retail pharmacies sales by product segment can be boosted by rigorously and systematically activating a certain number of levers



Sources: Interviews with retail pharmacists and representatives from VTOs and professional unions (September 2019) – Smart Pharma Consulting analyses



In addition to their core business focused on drugs dispensation,

pharmacists should carry out new missions, notably for patients suffering from chronic diseases

2 Expansion of the services offering

Extension of services

Regulatory framework:

- HPST law (2009)
- National Pharmaceutical Agreement (2012)
- National agreement on inter-professionality (2018)
- "My Health 2022": Territorial reorganization of care (2019)

- Supports (tools means structures):
 - Shared patient file (DP)
 - Connected health / Telemedicine / Telecare
 - Multidisciplinary Health Centers (MSP)
 - Healthcare networks

Prevention – Screening – Vaccination – Therapeutic education – Follow-up

- In particular for patients suffering from chronic diseases (e.g. patients receiving anti-vitamin K treatments (AVK) or direct-acting oral anticoagulants (AOD), long-term illness (ALD), diabetes, asthma, high blood pressure, COPD, overweight, etc.)
- Services paid by various stakeholders:
 - National Health Insurance / Private insurers / Mutual health organizations
 - Regional health agencies (ARS)
 - Regional unions of HCPs (URPS)
 - Pharma companies

Sources: Interviews with retail pharmacists and representatives from VTOs and professional unions (September 2019) – Smart Pharma Consulting analyses



With SRAs and CAPs, the lawmaker proposed a solution to regularize retrocession practices between retail pharmacies

3 Decrease of the purchasing expenses

	SRA	САР	SRA + CAP
	Grouped procurement structure	Buying group	SRA supported by a CAP
Principle	 The SRA has no delivery points 	 The CAP has delivery and storage points 	The SRA negotiates and invoicesThe CAP stores and delivers
Negotiation	 The agent negotiates maximum purchasing conditions 	 The CAP sales manager negotiates purchasing conditions 	 The commissioner / agent negotiates maximum purchasing conditions
Procurement	 The agent purchases on behalf of its pharmacy members 	 The CAP purchases on its behalf 	 The commissioner / agent purchases on behalf of its pharmacy members
Delivery	 The pharma company delivers each retail pharmacy 	 The pharma company delivers the CAP 	 The pharma company delivers the CAP
Billing	 The pharma company invoices the SRA 	 The pharma company invoices the CAP 	 The pharma company invoices the SRA
Relationship with members	 The SRA invoices each pharmacy member 	 The CAP delivers and invoices each pharmacy member 	 The SRA relies on the CAP to store, delivers and invoices each pharmacy member

Note: The current regulations do not allow a retail pharmacist to buy large quantities of drugs to resell to colleagues

Sources: Decree 2009-741 (June 2009) – Le Moniteur des pharmacies (April 2012) – Smart Pharma Consulting analyses


5. Optimization levers

Retail pharmacists can improve the operating result of their pharmacy by professionalizing their management methods

Optimization of the management

1. Margin and price strategy

- Don't limit it to a linear multiplying coefficient policy by product class and apply:
- A lower coefficient on "sensitive" products whose price is well known by customers, in particular those in free access
- A higher coefficient on prestige products or on products requiring a pharmaceutical advice
- The selling price must include a profitability objective and take into account the competition on the catchment area

2. Rationalization of the activity and organization according to the catchment area

- Adapt the offer of products and services
- Adapt opening hours to customer expectations and competition
- Optimize the layout of the retail pharmacy to boost sales and improve circulation of customers in the selling point, based on supermarkets and hypermarkets model
- Streamline staffing, organization and staff time
- Assess the opportunity of automating inventory management (i.e. robots)

3. Professionalization of pharmacy management

- Monitor the performance of the retail pharmacy thanks to few relevant KPIs¹
- Follow, if needed, a postgraduate **training** of **retail pharmacy management** (e.g. MBA, master, university diploma, certificate)

4. Financial, accounting and tax optimization

- Improve control over operating costs and stock rotation
- Reduce borrowing costs (individual contribution, short-term loan, renegotiation of the loan, if needed)
- Evaluate tax optimization opportunities

5. Cost sharing

- Mutualize the cost of support functions (e.g. procurement, IT, quality management, management control, treasury) with other retail pharmacies thanks to:
- The membership in VTOs²
- The creation of holdings of SELs (e.g. SPFPL)

¹ Key Performance Indicators – ² Voluntary Trade Organizations

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Sources: Interviews with retail pharmacists and representatives from VTOs and professional unions (September 2019) – Smart Pharma Consulting analyses



6. Conclusion

French pharmacists are currently experiencing a revolution which will turn them from drugs dispensers to providers of high quality health and wellness services

Strategic priorities for retail pharmacists (1/2)



Sources: Interviews with retail pharmacists and representatives from VTOs and professional unions (September 2019) – Smart Pharma Consulting analyses



6. Conclusion

Pharmacists will be more and more at the cornerstone of a coordinated management of patients, notably in rural areas deserted by physicians

Strategic priorities for retail pharmacists (2/2)



Sources: Interviews with retail pharmacists and representatives from VTOs and professional unions (September 2019) – Smart Pharma Consulting analyses

¹ Medico-social facilities housing the elderly dependent patients for whom care at home is no longer possible

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Brand Plans are often inefficient and of little use due to insufficient brand teams involvement, lack of market insights and of coordination across pharma companies departments

 Smart Pharma consultants have helped 35 pharma companies develop brand plans on more than 80 products belonging to 18 different therapeutic areas:

1.	Allergy	7. Immunology	13. Oncology
2.	Cardiology	8. Infectiology / Virology	14. Pulmonology
3.	Dermatology	9. Metabolism / Diabetes	15. Psychiatry
4.	Gastroenterology	10. Nephrology	16. Rare diseases (various)
5.	Gynecology	11. Neurology	17. Rheumatology
6.	Hematology	12. Ophthalmology	18. Urology

 From this experience, we have identified several common pitfalls that should be avoided to craft brand plans likely to optimize brand performance

"At affiliate level, the Brand Planning process is often viewed as a window-dressing exercise"



For each of these five pitfalls, we propose practical and easy-to-implement solutions so that pharma companies can transform useless brand plans into high-performance ones



"The purpose of Brand Plans is to allocate the right resources to reach the performance objective set, in an effective and efficient way"



Market situation is too often superficially analyzed and therefore poorly understood, preventing a proper identification of market opportunities and threats

Pitfall #1

Describing and not analyzing the market situation

What do we observe?



- The situation analysis section is most often just a description of the market facts with no or poor analyses
- Despite a large quantity of available data, the knowledge and the understanding of key market stakeholders are too often partial and not accurate
- The main reasons for these weaknesses in the brand planning process come from:
 - Affiliate brand teams considering it is just a constraint, imposed by the regional or global teams, having little, if any, value for them
 - Insufficient time spent to carry out in-depth analyses to enhance market insights (knowledge and understanding)



The situation analysis should focus on identifying and analyzing current and future key market events from which implications for the brand will be deducted

Pitfall #1

Describing and not analyzing the market situation

What do we recommend?



- A robust analysis of the market situation requires to identify key market features, by gathering precise and reliable information regarding:
 - Sales data trends (historical and forecasted data)
 - Opinion and behavioral trends of key stakeholders (policy makers, payers, physicians, pharmacists¹, patients, patient advocacy groups (PAGs), pharma competitors)² who are likely to impact the market attractiveness and the competitive position
- Then, it is essential to understand the factors that drive stakeholders opinion and behavior, and market attractiveness
- An in-depth market knowledge and understanding will enable to identify the major market opportunities and threats and to assess the brand strengths and weaknesses

Sources: Smart Pharma Consulting

¹ Retail and hospital pharmacists – ² In certain therapeutic areas, other stakeholders such as nurses may be considered



The SWOT analysis is rarely properly structured, preventing from deducting the most relevant key strategic drivers to optimize the brand performance

Pitfall #2

Carrying out a sub-optimal SWOT analysis

What do we observe?



Sources: Smart Pharma Consulting

¹ For instance, the fact that a brand has a leading position on a therapeutic area is not necessarily a strength per se. It may just be the result of a factor which is the strength, such as its superior efficacy, acceptability or convenience

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The "Advanced SWOT" helps brand teams carry out a more specific and relevant assessment of the market situation and of the brand competitive position

Pitfall #2

Carrying out a sub-optimal SWOT analysis

What do we recommend?



- To facilitate the definition of the brand strategic drivers, it is recommended to use the "Advanced SWOT framework" which structures:
 - Market opportunities and threats into stakeholders opinions and behaviors
 - Brand strengths and weaknesses into the product, the associated services and the reputation of the marketing company
- It is also essential to prioritize the items listed in each of the four components of the SWOT framework by evaluating their RI (relative importance) by using, for instance, a five-point scale
- These proposed adjustments of the SWOT framework have shown to be very helpful to transform it into a practical tool

Sources: Smart Pharma Consulting

¹ Relative Importance of each item, rated from 5, high importance to 1, low importance – ² Policy makers – ³ Payers, physicians, pharmacists, patients, patient advocacy groups – ⁴ Product features, price, distribution, promotion



Pitfall #3

2. Pitfalls to avoid

The brand strategy is too often crafted irrespective of the market reality and is not structured so that to foster the synergy of the supporting activities across departments

Crafting an	inconsistent	strategy
-------------	--------------	----------

What do we observe?

Strategic drivers	 The strategic drivers, which are the priorities on which the company concentrates its resources and capabilities to achieve
Strategic driver #1	the performance objective set for its brand, should derive from the SWOT analysis
Christian di si a di si angli 2	 The links between the situation analysis, summarized in a SWOT, and the selected strategic drivers, are not always clearly established and sometimes may even not exist
Strategic driver #2	 In addition, if not properly put into perspective with the set objective, the selected strategic drivers may not be the most relevant ones and lead to a suboptimal brand performance
Strategic driver #3	 When the activities corresponding to each strategic driver are not well-defined, across key different operational functions (i.e. market access, medical, marketing, sales), the quality of execution is in general poor



The Brand Strategy Card has shown to be a useful tool to align the brand ambition, the strategic drivers and the corresponding tactics

Pitfall #3

Crafting an inconsistent strategy

What do we recommend?



- The Brand Strategy Card shows the brand ambition, the strategic drivers selected to achieve that ambition and the key tactics to support the strategic drivers
- Thus, this one-page Brand Strategy Card helps to ensure the consistency between the three building blocks of the brand strategy: the ambition – the strategic drivers – the key tactics
- The trickiest part is to select the most relevant strategic drivers, as derived from the Advanced SWOT, which are...
- ... opportunities to seize, threats to fight again, strengths to capitalize on, and/or weaknesses to address
- The preferred strategic drivers are those which are the most likely to have an impact on the brand performance so that to achieve the set ambition for the brand



The tactics do not always support the strategic drivers and are too often limited to marketing and sales activities

Pitfall #4

Selecting tactics which do not support the strategy

What do we observe?

	 It is not rare to formerly support 				
Tactic	Target	Timing	Responsible	Budget	 However, key ta support the str
					 In other words, the strategic dr
					 Key tactics are carried out by t
					 which are a r have not been
					 Being rarely ba process to prio

- It is not rare to see, in brand plans, key tactics which do not formerly support the strategic drivers
- However, key tactics are the actions which are selected to support the strategy
- In other words, these actions are the operational expression of the strategic drivers
- Key tactics are too often described as a series of activities carried out by the marketing and sales departments...
- ... which are a renewal of past activities and for which objectives have not been clearly set and the impact formerly measured
- Being rarely based on the assessment of past experience, the process to prioritize these tactics is in general weak



Each tactic should be carefully selected to best support the strategic drivers to enhance the probability to achieve the brand ambition

Pitfall #4

Selecting tactics which do not support the strategy

What do we recommend?

Table of key tactics related to the strategic drivers							
Strategic Driver Tactic Target Objective			Department ¹ Timing Responsible Budget				

- Tactics should be carefully selected to best support each strategic driver
- These tactics may concern not only marketing and sales departments, but also market access and medical affairs departments
- If the medical affairs department is not supposed to promote brands, it can/should however contribute to optimize the use of the brands in the best interest of the patients, by generating and disseminating to healthcare professional relevant medical data
- It is important, for each tactic, to precise the target concerned, to set a precise objective, to plan it, to name a responsible and estimate a budget
- Before selecting a tactic, it may be needed to test the idea²



It is rare to see brand plans with integrated monitoring tools and associated monitoring process, which therefore prevents from measuring the efficacy and efficiency of the selected tactics

Pitfall #5

Not integrating monitoring indicators

What do we observe?

Ta	tic	Target	Objective	Timing	Responsible	Budget	KEIs1	KPIs ²
							/	

- A brand plan without indicators to measure the quality of execution and the – direct or indirect – impact of the selected tactics on the business is of little use
- Rare are the companies which integrate, in their brand plan, indicators to measure the quality of execution (Key Execution Indicators) and/or the impact (Key Performance Indicators) of tactics
- Without these indicators and the implementation of a monitoring process, it is impossible to evaluate the efficacy and efficiency of the tactics planned in the brand plan
- Thus, a brand plan with no systematic monitoring can be viewed as a window-dressing exercise

"If you can't measure it, you can't manage it!" – Peter Drucker

Sources: Smart Pharma Consulting

¹ Key Execution Indicators – ² Key Performance Indicators



KEIs¹ and KPIs² are both essential, the first type of indicators measuring the quality of execution and the second one the degree of objective achievement

Pitfall #5

Not integrating monitoring indicators

What do we recommend?

KEIs Monitorin	g indicators KPIs	I
Quan	titative	
 % of customer target covered Number of interactions with customers Number of projects carried out Level of resources allocated to customers 	 Number of new customers Average # of prescriptions per customer Sales dynamics Return on investment 	
Qual	itative	
 Quality of interactions with customers Level of market insights Proper management of projects, from the customer perspective 	 Brand Preference Mix Index Corporate reputation improvement Perceived quality of products Perceived value of services 	

 All brand plans should include monitoring tools and a monitoring process related to each selected tactic

- We recommend to use:
- Key Execution Indicators (KEIs) which measure the quality of execution of tactics
- Key Performance Indicators (KPIs) which measure the business outcome of tactics
- By measuring carefully the quality of execution and the impact of tactics, it is possible to adjust the brand plans (during the year or from the previous year) to make them more efficient and effective

"KEIs check that you are on the right track and KPIs check that you arrive at destination"

Sources: Smart Pharma Consulting

¹ Key Execution Indicators – ² Key Performance Indicators



3. Key takeaways

"High-Performance Pharma Brand Plans require method, rigor and pragmatism"

Recommendations

- Design brand plans with the intent of helping allocating the right resources to achieve brand performance ambition, and not just as a formality to be reported at corporate level
- Adopt the 4Ws¹ (What? Why? so What? What to do?) approach to improve the relevance, the consistency and the robustness of the brand plans
- Use the "Advanced SWOT" to facilitate the analysis of the market situation and of the brand competitive position, identifying market opportunities and threats and prioritizing brand strengths and weaknesses

- Seek customer preference rather than customer satisfaction by improving customers perception of the brand attributes, the quality of the proposed services and the corporate reputation
- Make the best use of the "Brand Strategy Card" to formalize clearly and precisely the brand ambition, the strategic drivers and the corresponding key tactics
- Define Key Execution Indicators and Key Performance Indicators to monitor respectively the quality of execution and the impact of tactics

Sources: Smart Pharma Consulting

¹ What: gathering of data regarding market sales and stakeholders opinion and behavior. Why: understanding of the factors triggering market and stakeholders data. So What: implications for the brand. What to do: strategic and tactical decisions to be made to achieve the brand ambition, based on the situation analysis



4. Smart Pharma Service Offering

Consulting Services

- Smart Pharma Consulting is well-known for its ability to help brand teams build robust brand plans
- To date, Smart Pharma consultants have helped 35 pharma companies develop strategic and tactical plans on more than 80 brands belonging to 18 different therapeutic areas
- Thus, we can bring our support to address the following issues:
 - Which market analyses should be carried out?
 - How to define market key success factors and the corresponding brand challenges with the help of the "Advanced SWOT"?
 - How to develop market and brand scenarios?
 - How to define the brand performance ambition?
 - How to craft a specific strategy to achieve the brand ambition?
 - How to support the strategy by tactical initiatives likely to reinforce the preference of stakeholders for the brand?
 - How to anticipate the impact of future investment options on the brand performance?
 - How to monitor the quality of execution and the impact of investment decisions?

Training Program

Example of a One-Day Program¹

8:30 Introduction to the program 8:40 Definitions, concepts, methods, tools related to Brand Plans 9:00 Module 1: Situation analysis Market definition and dynamics Stakeholders opinion and behavioral analysis 10:30 Break 10:50 Advanced SWOT analysis Module 2: Sales forecasting & ambition setting 12:00 13:00 Lunch 14:00 Module 3: Strategy crafting 15:00 Module 4: Tactics selection 16:00 Break 16:20 Module 4: Tactics monitoring 17:30 Conclusion and key takeaways 18:00 End of the program

Target Audience

 Collaborators involved in supporting the brands (e.g. from the medical, marketing, commercial, market research, strategic,... departments), whatever their level of responsibility and seniority





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The Smart Pharma Institute of Management offers a large array of training programs for high potential executives from pharma and biotech sectors

Training Program Offering

 Our training programs are developed and carried out by the "Smart Pharma Institute of Management" which is our professional training center

- Smart Pharma Institute of Management is a division of Smart Pharma Consulting that offers training programs to high potential executives from pharma and biotech sectors
- Those high-level training programs have been designed for professionals who are willing to reinforce their skills in Strategy, Operational Marketing and Management in both national and international contexts

"The Smart Manager knows where, why and how to go"



Our training & teaching programs are unique because they are built on our market research and consulting expertise in the pharma sector and delivered by experts



Smart Pharma is a certified Training Organization since 2002

¹ Challenge of participants (e.g. analytical rigor, relevance of recommendations, quality of the oral presentations, etc.) – ² ~950 executives trained – ³ More than 1,900 students trained



Our training and teaching programs have been designed to boost the knowledge of participants, their ability to understand, to make decisions and to implement them

"Smartness Formula" (1/2)

Our training and teaching method is based on the "Smartness Formula":

Smartness = Knowing x Understanding x Deciding x Implementing



"Any fool can know. The point is to understand" – Albert Einstein



The "Smartness Formula" has shown to be effective to diagnose development needs of participants and to structure development programs

"Smartness Formula" (2/2)

The "Smartness Formula" provides a structure to identify development needs and organize in an effective and more efficient manner

Smartness = Knowing x Understanding x Deciding x Implementing





Smart Pharma Consulting has published the "Pharma Marketing Tool Box" which is a book specifically designed for Pharma Marketers

Publications: Marketing book¹



Author: Jean-Michel Peny is President of the Strategy and Management consulting firm Smart Pharma Consulting, Director of Smart Pharma Institute of Management, Lecturer in Pharmaceutical Strategy and Marketing at the ESSEC business school, at the Faculty of Pharmaceutical Sciences (Paris XI)

Editor: Smart Pharma Consulting – 246 pages

Presentation

The book provides a clear, precise and concise review of the most relevant and useful concepts in the context of pharmaceutical marketing The author presents:

- Innovative marketing approaches
- Specific analyses
- Practical tools

This user-friendly "tool box" has been structured to encourage the rigor and relevance of marketing thinking of pharmaceutical executives

Brief Content

- Introduction
- Part 1 Market Research
- Part 2 Strategic Marketing
- Part 3 Operational Marketing
- Part 4 Marketing Planning

Sources: Smart Pharma Consulting

¹ See our website: <u>www.smart-pharma.com</u> where you can order this book

2020 Half-Year Collection



Since 2017, Smart Pharma Consulting has published 12 Best-in-Class position papers applicable to the pharma sector

Publications: Position papers¹ (1/3)



Sources: Smart Pharma Consulting

¹ See our website: <u>www.smart-pharma.com</u> for a free access to all these publications



Smart Pharma Consulting has published 6 position papers on general management applicable to the pharma sector

Publications: Position papers¹ (2/3)













Sources: Smart Pharma Consulting

¹ See our website: <u>www.smart-pharma.com</u> for a free access to all these publications



Since 2017, Smart Pharma Consulting has published 5 market reports about the global and French pharma markets; the generics and biosimilars markets

Publications: Position papers¹ (3/3)



Sources: Smart Pharma Consulting

¹ See our website: <u>www.smart-pharma.com</u> for a free access to all these publications



Smart Pharma Consulting has published 40 articles in national and international specialized magazines, addressing key pharmaceutical market issues

Publications: Articles¹

Strategy: Ethical products

- Building prescriber loyalty (1993)
- ACE-inhibitors an analysis of marketing strategy (1994)
- Are generic defense strategies worth the effort? (1996)
- Winning strategies in the French hospital market (1996)
- Making the most of maturity (2003)
- The end of the back-up brands? (2005)
- Financial requirements of immunisation programmes in developing countries: 2004-2014 perspective (2005)
- Les marques sont-elles condamnées à mourir ? (2007)
- Le BPS, pour la "justesse de voix" (2008)
- La réputation d'entreprise Un nouvel enjeu stratégique (2008)

Effectiveness and Operational organization

- Heading for change: marketing and sales trends in France (1995)
- Counting the cost of purchase (1997)
- The brave new world of corporate marketing (2000)
- Talking up sales (2002)
- How customer-centricity can increase brand preference? (2009)

Environment

- Drug reimbursement harmonization in Europe (1994)
- Working with the authorities (2002)
- The Evolution of the global pharma industry (2012)
- Disease management opportunities in France (1997)
- Survival strategies in contract sales organizations (2002)
- Changes at the French pharmacy (2004)

Strategy: Generics

- Entering the French generics market (1997)
- Is the sun rising for Japanese generics? (1998)
- Can generics really help to curb French healthcare costs? (1999)
- Lighting fire from wet timber in French generics market (2001)
- How bright is the future for generics? (2003)
- Barriers to substitution (2005)
- What is the value of authorized generic agreements? (2006)
- Princeps-génériques: Faut-il pactiser avec l'ennemi ? (2007)
- Quelles perspectives pour les génériques ? (2007)
- Les génériques, ce n'est plus automatique (2011)
- What future for the French retail generic market? (2015)

Strategy: OTC & Dietary Supplements

- Assessing the OTC market in France (1997)
- How bright are the prospects for self-medication in France? (1999)
- Thin pickings in dietary supplements (1999)
- Should big pharmas sell their OTC business? (2004)
- Automédication: Quel attrait pour le marché mondial ? (2006)
- Des stratégies opposées pour les « big pharma » (2006)
- Le switch: solution ou danger (2006)⁵
- Le médicament en libre accès: La grande illusion (2007)

Sources: Smart Pharma Consulting

¹ See our website: www.smart-pharma.com for a free access to all these publications



All programs are led by Jean-Michel Peny, President of Smart Pharma Consulting and Program Faculty Director of the Smart Pharma Institute of Management

Jean-Michel Peny

• Experience:

- 1 year as pharmacist at Begin hospital blood bank¹
- 7 years as General Manager for pharma companies:
 - 3 years in Sri Lanka (Servier)
 - 3 years in India (Servier)
 - 1 year in France (Novartis Generics)
- 27 years as Consultant specialized in Strategy and Management in the pharmaceutical sector (Bain & Co, Arthur D. Little, AT Kearney, ISO Health Care Consulting, Smart Pharma Consulting)
- 28 years of teaching activity:
 - Lecturer: ESCP Europe B-School, ESSEC B-School, Paris Pharmaceutical and Medical Universities
 - Former affiliate Professor of Strategy & Marketing at HEC B-School
 - 1992-2001: Master "Pharma & Biotech Management" ESCP Europe B-School

- 18 years of training activity:
 - Intra-company programs since 2002
 - Inter-company programs since 2006
- Education:
 - Pharm. D. Nantes University
 - MBA HEC Business School
 - Executive programs:
 - Strategic Marketing Harvard Business School
 - Corporate Strategy Sloan School of Management
 - Management of small corporations Stanford B-School
 - Master 2, International Trade IAE Lyon 3 University
 - Master 2, Pharmaceutical marketing Paris 5 University
- Publications:
 - 6 books
 - 40 articles
 - ~150 position papers



2. Training Programs

Our training programs are developed and carried out by the Smart Pharma Institute of Management which is our professional training center, registered since 2002

Key topics covered

• We disseminate insights through our training programs which cover eight key topics:





2. Training Programs – Inter-companies

We propose a 5-day seminar for high potential and seasoned marketers who want to reinforce their strategic and operational marketing skills

2020 sessions in French in Paris October 19 to 23

Seminar¹: Pharma Strategy & Marketing

2021 sessions in French in Paris February 1 to 5

Day 1: Strategic thinking applied to companies

- Worldwide Pharma and Biotech sectors
- Evolution of the Pharma business model by 2020
- Strategic management of Pharma companies

Day 2: Marketing strategic thinking

- Optimization of brand value: Brand Preference Mix, etc.
- Dynamic prescribers segmentation: Behavioral Prescribers Segmentation (BPS) approach
- Sales forecasting and performance objectives setting
- Brand Planning: Advanced SWOT, Strategy Card, etc.

Day 3: Marketing tactical thinking

- Digital marketing and multi-channel approach
- Promotional resource allocation
- Definition of Key Execution Indicators (KEIs) and Key Performance Indicators (KPIs)
- Integration of new marketing tools: Integrated Promotional Strategy (IPS) approach

Day 4: Specialized market segment analysis

- Marketing of generics and biosimilar products
- Marketing of OTC products and Rx-to-OTC switches
- Management of mature products
- Marketing of niche and hospital products

Day 5: Development of managerial skills

- Sales force effectiveness
- Team leadership

(e.g. marketing managers,

Market research executives

group product managers,

Marketing executive

product managers)

Strategic planners

- Corporate behavior
- Communication principles

Target Audience

- Medical executives

 (e.g. MSLs, medical managers)
 - Sales forces executives

 (e.g. sales force managers, area managers)

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French. Since 2005, 146 experienced executives from 37 companies have attended this seminar

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2. Training Programs – Inter-companies

We propose a 5-day seminar for sales managers of pharma companies wishing to become "High Performers"

Seminar¹: High Performance Sales Manager

2021 session in French in Paris March 8 to 12

Day 1: Recent changes in the environment and implications

- The healthcare system: national, regional and local (hospitals and other institutions)
- Strategic, tactical and organizational implications for sales forces

Day 2: Sales force performance – Strategy

- Dynamic and individual customer segmentation
- Search for customer preference
- Creating high impact interactions with customers

Day 3: Sales force performance – Organization

- Adapt activities and strengthen skills required
- Define a flexible structure adapted to targeted customers
- Craft procedures to facilitate the cooperation between medical, marketing and sales departments
- Establish a culture of commitment and excellence

- Day 4: Best-in-class Leaders & Managers
 - Develop and share a vision and values
 - Stimulate collaborators passion for their job
 - Manage according to the "mutual benefits" principle
 - Organize and monitor sales forces activities

Day 5: Specific development of collaborators

- Use methods and tools to improve customers insights
- Analyze performance and set priorities
- Support the crafting of pragmatic action plans
- Improve cross-functional collaboration

Target Audience

- Marketing & Sales Managers
- Sales force Managers
- Commercial Managers
- Area Managers



2. Training Programs – Intra-companies

We have specifically designed Masterclasses to offer in-depth trainings to pharma company executives on a specific topic

Masterclass¹: **Principles**

Concept

Masterclasses offer participants the opportunity to focus on a specific subject and apply innovative concepts, useful methods and practical tools to real-life situations, to learn by doing

- Masterclasses are moderated by Jean-Michel Peny, who has been, for 28 years:
 - Teaching students of the best French Business
 Schools and Universities of Pharmacy and Medicine
 - Training executives from the pharma industry
- Each Masterclass is limited to a maximum of 12 participants and lasts from 1 to 4 days

Organization

- Pre-Masterclass session
 - Participants will receive a specific documentation including concepts, methods and tools
- Masterclass session (1 to 4 days)²
 - Part 1: Review of the concepts, methods and tools that will be used
 - Part 2: Lecture by and discussion with a "guest speaker" expert in the topic covered
 - Part 3: Implementation of the concepts, methods and tools through real-life case studies
 - Part 4: Co-development with participants of key learnings
- Post-Masterclass
 - Structuration of the key learnings of the Masterclass session to be sent to participants



2. Training Programs – Intra-companies

The "Strategic Marketing Excellence" masterclass focuses on high-performance positioning and segmentation case studies calling on creativity and rigor

Masterclass¹: Strategic Marketing Excellence

	Day 1		Day 2
9:00	Introduction to the masterclass	9:00	Introduction to the 2 nd day
9:10	Review and discussion of conventional and innovative strategic marketing concepts, methods and tools sent to participants as a pre-read	9:10	Case study #2: Development and implementation of an optimized customer segmentation applied to: - Individual prescribers (working group C)
10:30	Lecture by and discussion with an expert:		- Individual hospital departments (working group D) ³
	"How to create a sustainably attractive brand? –	11:10	Break
	Lessons from non-pharma industries"	11:30	Presentation of the working groups C & D outputs,
11:45	Break		discussion and agreement on key learnings
12:00	Case study #1: Development and implementation of a	13:00	Lunch
	Brand Preference strategy for: - A secondary care brand (working group A) - A primary care brand (working group B) ²	14:00	Case study #3: Development and implementation of an Individual Prescriber Plan for: - Individual prescribers (working group E)
13:00	Lunch		- Individual hospital departments (working group F) ³
14:00	Case study #1: cont.	15:30	Break
16:00	Break	15:45	Presentation of the working groups E & F outputs,
16:15	Presentation of the working groups A & B outputs,		discussion and agreement on key learnings
	discussion and agreement on key learnings	16:45	Co-development with participants of key learnings
17:45	End of day 1	17:45	End of the masterclass

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French – ² According to the attendees, a non-Rx-bound could be chosen instead – ³ According to the attendees, individual retail pharmacists and/or purchasing groups could be studied as well



2. Training Programs – Intra-companies

The "Tactical Marketing Excellence" masterclass proposes attendees to work on case studies dedicated to best practices re. the execution of marketing initiatives

Masterclass¹: Tactical Marketing Excellence

	Day 1		Day 2
9:00	Introduction to the masterclass	9:00	Introduction to the 2 nd day
9:10	Review and discussion of conventional and innovative tactical marketing concepts, methods and tools sent to participants as a pre-read	9:10	Case study #2: Marketing sensitivity to investment and resource allocation optimization at: - Individual prescribers (working group C)
10:30	Lecture by and discussion with an expert:		 Individual hospital departments (working group D)²
	"What is the real value of digital marketing initiatives?	11:10	Break
	 Lessons from best-in-class pharma companies" 	11:30	Presentation of the working groups C & D outputs,
11:45	Break		discussion and agreement on key learnings
12:00	Case study #1: Development and implementation of	13:00	Lunch
	 conventional and digital multichannel initiatives to: Individual prescribers (working group A) Individual hospital departments (working group B)² 	14:00	Case study #3: Development and implementation of action plans and monitoring tools (KEIs ³ & KPIs ⁴) for: - Individual prescribers (working group E)
13:00	Lunch		- Individual hospital departments (working group F) ²
14:00	Case study #1: cont.	15:30	Break
16:00	Break	15:45	Presentation of the working groups E & F outputs,
16:15	Presentation of the working groups A & B outputs,		discussion and agreement on key learnings
	discussion and agreement on key learnings	16:45	Co-development with participants of key learnings
17:45	End of day 1	17:45	End of the masterclass

¹ Program proposed both in English and in French –² According to the attendees, individual retail pharmacists and/or

Sources: Smart Pharma Consulting

purchasing groups could be studied as well – ³ Key execution indicators to measure the quality of execution – ⁴ Key performance indicators to measure the impact of the tactics (medico-marketing and sales activities)

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The "Market Analysis & Forecasting" masterclass has been designed for participants looking for robust and simple tools, and wishing to strengthen their analytical skills

Masterclass¹: Market Analysis & Forecasting

	Day 1: Market Analysis		Day 2: Forecasting
9:00	Introduction to the masterclass	8:30	Introduction to the 2 nd day
9:10	Review and discussion of analytical concepts, methods and tools sent to participants as a pre-read	8:40	Review and discussion of sales forecasting concepts, methods and tools sent to participants as a pre-read
10:30	Lecture by and discussion with an expert:	10:00	Break
	"Review of the most advanced market analyses – Lessons from non-pharma markets"	10:15	Case study #2 part 1: Baseline & scenario building: - Historical trends evaluation
11:45	Break		 Determination of future events and of their impact
12:00	Case study #1: Market & brand dynamics evaluation: - Stakeholders behaviors analysis ²	12:30	Lecture by and discussion with an expert: "What is the business value of sales forecasting?"
	- Key market drivers & barriers analysis	13:00	Lunch
	 Sensitivity of brands to operational³ investments From data analysis to decision making 	14:00	Case study #2 part 2: Sales forecast modeling: - Patient-based forecasting
13:00	Lunch		- Lifecycle based forecasting (new, growing, mature)
14:00	Case study #1: cont.	16:00	Break
16:00	Break	16:15	Presentation of the case study (parts 1 & 2) outputs,
16:15	Presentation of the case study outputs, discussion		discussion and agreement on key learnings
	and agreement on key learnings	16:45	Co-development with participants of key learnings
17:45	End of day 1	17:45	End of the masterclass

¹ Program proposed both in English and in French –² Health authorities, payers, physicians, pharmacists, patients, patient advocacy groups, competitors, etc. –³ Medico-marketing and sales

Sources: Smart Pharma Consulting



This masterclass helps med reps better understand how they must build and then use action plans to improve the efficiency and efficacy of their daily activities

Masterclass¹: Action Plans for Med Reps

9:00 9:10 10:30	Day 1 Introduction to the masterclass Review and discussion of activity planning objective, concepts, methods and tools sent to participants as a pre-read Lecture by and discussion with an expert:	9:00 9:10 11:10	Day 2 Introduction to the 2 nd day Case study #2: Objective setting and strategy crafting: - Primary care brand (group A) - Secondary care brand (group B) Break
	"How to build useful action plans benefiting primarily to the med reps?"	11:30	Presentation of the working groups A & B outputs, discussion and agreement on key learnings
11:45	Break	13:00	Lunch
12:00	Case study #1: Analysis of the situation at territory level – External & Internal analysis: - Primary care brand (group A) - Secondary care brand (group B)	14:00	Case study #3: Development of specific actions to support the territory strategy previously set and selection of activity and performance indicators: - Primary care brand (group A)
13:00	Lunch		 Secondary care brand (group B)
14:00	Case study #1: cont.	15:30	Break
16:00	Break	15:45	Presentation of the working groups A & B outputs,
16:15	Presentation of the working groups A & B outputs, discussion and agreement on key learnings	16:45	discussion and agreement on key learnings Co-development with participants of key learnings
17:45	End of day 1	17:45	End of the masterclass

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French



We propose four-day sessions to familiarize participants (med reps and/or their manager) with the four pillars supporting the ELITE Program¹

Masterclass²: ELITE Program for Med Reps (1/2)

	Day 1 – Pillar #1: Prescriber Insight		Day 2 – Pillar #2: Brand Preference Tactic
9:00	Introduction to the session	9:00	Introduction to the session
9:10	Review and discussion of the concept, methods and tools sent to participants as a pre-read	9:10	Review and discussion of the concept, methods and tools sent to participants as a pre-read
10:30	Lecture by and discussion with an expert: "Customer Insight – Lessons from FMCG ³ companies"	10:30	Lecture by and discussion with an expert: "How do non-pharma companies proceed to strengthen
11:45	Break		customer preference to their brands?"
12:00	Case study: Application of the "Seeker Portrait"	11:45	Break
	Model developed by Smart Pharma Consulting to: - Individual prescribers (group A) - Individual hospital departments (group B)	12:00	Case study: Application of the "Brand Preference Mix" approach by med reps at: - Individual prescriber level (group A)
13:00	Lunch		 Individual hospital department level (group B)
14:00	Case study: cont.	13:00	Lunch
16:00	Break	14:00	Case study: cont.
16:15	Presentation of the working groups A & B outputs,	16:00	Break
	discussion and agreement on key learnings	16:15	Presentation of the working groups A & B outputs,
17:45	End of day 1		discussion and agreement on key learnings
		17:45	End of day 2



We propose four-day sessions to familiarize participants (med reps and/or their manager) with the four pillars supporting the ELITE Program¹

Masterclass²: ELITE Program for Med Reps (2/2)

	Day 3 – Pillar #3: High Impact Interactions		Day 4 – Pillar #4: Job Passion
9:00	Introduction to the session	9:00	Introduction to the session
9:10	Review and discussion of the concept, methods and tools sent to participants as a pre-read	9:10	Review and discussion of the concept, methods and tools sent to participants as a pre-read
10:30	Lecture by and discussion with an expert: "How to create unique touchpoints with customers? – Lessons from FMCG ³ companies"	10:3	 Lecture by and discussion with an expert: "How to boost your passion for your work? – A practical approach"
11:45	Break	11:4	5 Break
12:00	Case study: Application of the "H2I" ⁴ Program developed by Smart Pharma Consulting to: - Individual prescribers (group A) - Individual hospital departments (group B)	12:0	 Case study: Identification of the drivers likely to stimulate the passion of med reps for their job: Job-related drivers (group A) Company-related drivers (group B)
13:00	Lunch	13:0	0 Lunch
14:00	Case study: cont.	14:0	0 Case study: cont.
16:00	Break	16:0	0 Break
16:15	Presentation of the working groups A & B outputs, discussion and agreement on key learnings	16:1	5 Presentation of the working groups A & B outputs, discussion and agreement on key learnings
17:45	End of day 3	17:4	5 End of the masterclass

¹ See on our website www.smart-pharma.com the position paper "Best-in-Class Medical Reps... apply the ELITE Program" – ² Program proposed both in English and in French – ³ Fast Moving Consumer Goods – ⁴ High Impact Interactions

Sources: Smart Pharma Consulting



This masterclass provides a method and tools to help MSLs increase their efficacy and efficiency, especially when interacting with KOLs

Masterclass¹: Best-in-Class MSLs

	Day 1		Day 2
9:00	Introduction	9:00	Introduction
9:15	Reminder of MSLs role & responsibilities taking into account the national regulatory framework	9:15	Presentation: MSLs' strategic & operational plans (best practices – models)
10:00	Presentation: MSLs issues & challenges	10:00	Presentation: Changes in the healthcare system and in the
10:30	Presentation: Recruitment and Management of KOLs		pharma market by 2020
11:15	Break	10:45	Workshop #5: "Analysis of the regional environment"
11:30	Workshop #1: "KOLs mapping"		(ARS, KOLs, hospital services, healthcare networks)
12:30	Lunch	11:30	Break
13:30	Workshop #2: "KOLs relationship management"	11:45	Workshop #6: "Analysis of the regional activities of MSLs" (partnerships, projects, quality of interactions with KOLs)
14:30	Workshop #3: "Creation of high impact interactions"	12:15	Presentation & practical exercises "SWOT analysis in the
15:30	Break		scope of MSLs"
15:45	Workshop #4: "Contribution of the MSL to the	13:00	Lunch
	enhancement of pharma company's reputation"	14:00	Workshop #7: "Objectives setting, definition of a strategy
16:45	Plenary discussion: "How to improve collaboration with		and of operational activities monitoring"
	medical reps and KAMs?"	16:00	Break
17:30	Conclusion	16:15	Conclusion
18:00	End of day 1	17:00	End of the masterclass
		17.00	

Sources: Smart Pharma Consulting



The ambition of this masterclass is to provide participants with a unique experience during which they will boost their BD&L¹ knowledge and thinking process

Masterclass²: BD&L best practices

Day 1 Introduction (objectives, organization of the day, specific 9:00 requests from participants) Lecture / discussion #1: BD&L objective and basic principles Exercise #1 in plenary session: Would BD&L deals make sense at 10:00 your affiliate / region level? And why? 10:40 Break Exercise #2 in working groups: Draw the list of relevant information 11:00 to be collected to evaluate BD&L opportunities, the corresponding sources and their level of reliability 11:50 Debrief of the exercise #2 and key takeaways 13:00 Lunch 14:00 Lecture & discussion #2: Market, product and company data analyses: best practices Case study #1: Opportunity assessment 15:00 Rx-driven product – OTC product and/or Medical device 16:15 Break Debrief of the case study #1 and key takeaways 16:30 17:30 Conclusions of the day 17:45 End of day 1

Day 2

- Lecture & discussion #3: Method and Tools to select most 9:00 attractive opportunities (charts, ID cards, valuation techniques)
- 9:40 Case study #2: Best candidate(s) selection
- 11:00 Break
- Debrief of the case study #2 and key takeaways 11:15
- Lecture & discussion #4: Definition of the best deal structure 12:15 (e.g. in-licensing, JV, acquisition)
- Case study #3 in plenary session: Which deal structure to favor 12:35 according to the situation?
- 13:00 Lunch
- 14:00 Lecture & discussion #5: How to approach and negotiate a **BD&L** opportunity?
- Case study #4: Approach & Negotiation 14:45
- 15:45 Break
- 16:00 Debrief of the case study #4 and key takeaways
- Lecture & discussion #6: Alliance management best practices 16:45
- 17:15 Conclusions of the session
- End of the masterclass 17:45

Sources: Smart Pharma Consulting

9:15



This masterclass provides Good Managers with tips to become Smart Managers and thus boost their performance and the performance of their collaborators

Masterclass¹: Smart vs. Good Managers

	Day 1		Day 2
9:00	Introduction to the masterclass	9:00	Introduction to the 2 nd day
9:10	Review of and discussion about the seven tips to be mastered to become a Smart Manager (pre-read sent	9:10	Workshop #4: Use of the Smart Index (cont.)
	to participants)	10:45	Break
10:30	Lecture by and discussion with an expert: "Managers vs. Leaders"	11:00	Workshop #5: Dynamic management of collaborators
11:45	Break	13:00	Lunch
12:00	Workshop #1: Purpose – Mission – Values – Vision	14.00	Markeber #C. Chineseletion of internation
13:00	Lunch	14:00	Workshop #6: Stimulation of job passion
14:00	Workshop #2: Strategy crafting	15:30	Break
15:00	Workshop #3: Management by mutual benefits	15:45	Workshop #7: Management model selection
16:30	Break	17:15	Conclusion of the masterclass
16:45	Workshop #4: Use of the Smart Index	17.15	
18:15	End of day 1	18:00	End of the masterclass

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French



This program helps participants significantly improve their time management through the application of simple and effective good practices

Masterclass¹: Time Management

	Day 1		Day 2
9:00	Introduction to the masterclass	9:00	Introduction to the 2 nd day
9:10	Review of and discussion about the 8 tips to better manage time at work (pre-read sent to participants)	9:10	Workshop #3: Management of time wasters (cont.)
10:30	"Why is your time at work so precious?"	10:45	Break
11:45	Break	11:00	Workshop #4: Planning and implementation
12:00	Workshop #1: How well do you manage your time? –	12:00	Workshop #5: Tracking & sharing outcomes
	Express Self-diagnosis	13:00	Lunch
13:00	Lunch	14:00	Case study #1: "Manager Time"
14:00	Workshop #2: Situation analysis: Time wasters identification	15:30	Break
15:30	Break	15:45	Case study #2: "Pharma Time"
16:00	Workshop #3: Management of time wasters	17:15	Conclusion of the masterclass
17:30	End of day 1	17:30	End of the masterclass

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French



This program helps participants significantly improve their project management through the application of simple and effective good practices

Masterclass¹: Project management

Content & Organization

- The program will include basic principles, key tools, practical exercises and case studies relative to the pharmaceutical industry
- The program content will be customized according to the specific needs of the clients
- The program duration will be of one day, one day and a half or two days, according to the clients needs and desire

Target Audience

- Any collaborators from pharmaceutical companies having the responsibility to manage projects that are more or less complex
- Participants can be part of the medical, marketing, commercial, market research, strategic,... departments

Example of a One-Day Program

9:00 Introduction to the program Review of the basic principles and key tools to properly 9:10 manage projects 10:40 Break 11:00 Exercises: Familiarization with the key tools 12:30 Lunch 13:30 Case study #1: Application to a simple project 15:00 Break 15:20 Case study #2: Application to a moderately complex project 16:50 Conclusion and key takeaways 17:30 End of the program

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French



This one-day program will help participants define relevant KPIs (key performance indicators) and KEIs (key execution indicators) for a better efficacy and efficiency

Masterclass¹: KPIs & KEIs

Content & Organization

- The program will include basic definitions, recommendations, key tools, practical exercises and case studies relative to the pharmaceutical industry
- The program content will be customized according to the specific needs of the clients
- The program duration will be of one day, one day and a half or two days, according to the client needs and desire

Target Audience

- Any collaborators from pharmaceutical companies, whatever their level of responsibility and seniority
- Participants can be part of the medical, marketing, commercial, market research, strategic,... departments

Example of a One-Day Program

- 9:00 Introduction to the program
- 9:10 Review definitions and basic principles related to KPIs and KEIs, in general and in the context of the pharma business
- 10:40 Break
- 11:00 Exercises: Indicators selection Data collection Data analysis Dashboard design Action taking
- 12:30 Lunch
- 13:30 Case study #1: Practical implementation
- 15:00 Break
- 15:20 Case study #2: Practical implementation
- 16:50 Conclusion and key takeaways
- 17:30 End of the program

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French



This program will help participants get familiar with the basic principles and methods to tell stories to connect with and influence audiences

Masterclass¹: Storytelling in Business

Content & Organization

- The program will include basic definitions, recommendations, key tools, practical exercises and case studies related to the pharmaceutical industry
- The program content will be customized according to the specific needs of the client
- The program duration will be of one day, one day and a half or two days, according to the client needs and desire

Target Audience

- Any collaborators from pharmaceutical companies, whatever their level of responsibility and seniority
- Participants can be part of the medical, marketing, commercial, market research, strategic,... departments

Example of a One-Day Program

- 9:00 Introduction to the program
- 9:10 Review definitions and basic principles related to storytelling, in general and in the context of the pharma business
- 10:40 Break
- 11:00 Exercises: Know your audience Define the right message Be authentic – Keep it simple & visual – Involve the audience
- 12:30 Lunch
- 13:30 Case study #1: Practical implementation
- 15:00 Break
- 15:20 Case study #2: Practical implementation
- 16:50 Conclusion and key takeaways
- 17:30 End of the program

Sources: Smart Pharma Consulting

2020 Half-Year Collection



The Physician Experience Program will provide participants with ready-to-implement solutions for in-field and back-office collaborators of pharma companies

Masterclass¹: Implementing a Physician Experience Program

Content & Organization

- The program will include basic definitions, recommendations, key tools, practical exercises and case studies related to the pharmaceutical industry
- The program content will be customized according to the specific needs of the client
- The program duration will be of one day, one day and a half or two days, according to the client needs and desire

Target Audience

- Any collaborators from pharmaceutical companies, whatever their level of responsibility and seniority
- Participants can be part of the medical, marketing, commercial, market research, strategic,... departments

Example of a One-Day Program

Introduction to the program 9:00 9:10 Definitions, concepts, methods, tools related to Experience 10:40 Break 11:00 Exercises: Defining a shared vision & ambition - Crafting a strategy - Mapping physician journeys and selecting the most relevant 12:30 Lunch 13:30 Case study #1: Rethinking medical calls experiences 15:00 Break Case study #2: Rethinking medical meetings 15:20 16:50 Conclusion and key takeaways 17:30 End of the program

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French



This program specially designed for medical reps will help them find solutions to secure access to physicians and boost their preference for the brands they promote

Masterclass¹: From Promotional- to Service-led Medical Calls

Content & Organization

- The program will include basic definitions, recommendations, key tools, practical exercises and case studies related to the pharmaceutical industry
- The program content will be customized according to the specific needs of the client
- The program duration will be of one day, one day and a half or two days, according to the client needs and desire

Target Audience

- Medical reps and their managers
- Area Managers
- Sales Force Managers

Example of a One-Day Program

- 9:00 Introduction to the program
- 9:10 Definitions, concepts, methods, tools related to Service-led Medical Calls
- 10:40 Break
- 11:00 Case study #1: Defining the medical calls likely to create a unique and memorable positive experience for physicians
- 12:30 Lunch
- 13:30 Case study #2: Preparing service-led medical calls
- 15:00 Break
- 15:20 Case study #3: Executing and following-up service-led medical calls
- 16:50 Conclusion and key takeaways
- 17:30 End of the program

Sources: Smart Pharma Consulting

¹ Program proposed both in English and in French



Consulting firm dedicated to the pharmaceutical sector operating in the complementary domains of strategy, management and organization

The Smart Pharma Publications

- Our publications have in common to:
 - Be well-documented and propose in-depth analyses
 - Share innovative concepts, methods and tools

2020 Half-Year Collection

 This e-book includes 5 position papers and the catalogue of our 2020 training programs:

Covid-19 related Insights & Recommendations

- Covid-19 Outbreak & Business Continuity
- Engaging HCPs in Post Covid 19 Era
- Global Pharma Market & Covid-19 Impact

Market Insights

French Retail Pharmacies

Management

- High Performance Brand Plans
- Pharma Training Programs (2020 Catalogue)



Smart Pharma Consulting

- Besides our consulting activities which take 85% of our time, we are strongly engaged in sharing our knowledge and thoughts through:
 - Our teaching and training activities
 - The publication of articles, booklets, books and expert reports
- More than 80 publications, in free access, can be downloaded from our website, of which:
 - 18 business reports (e.g. The French Pharma Market)
 - 9 position papers in the "Best-in-Class Series"
 - 14 position papers in the "Market Insights Series"
 - 8 position papers in the "Smart Manager Series"
 - 10 position papers in the "Smart Tool Series"
- Our research activities in pharma business management and our consulting activities have shown to be highly synergistic
- We also organize training seminars or carry out projects to help your collaborators improve their operational excellence
- This e-book includes a presentation of our training programs Best regards

Jean-Michel Peny

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