



FEATURE

Gain the edge in a fast-moving market

Launching innovative biopharma in China

David Xie and Xiaofeng Li

Biopharma companies looking to launch innovative medicines in China can pull ahead in the race by taking advantage of key cultural and regulatory conditions. Deloitte introduces a series of four articles that break down the dynamics of a successful launch.

CHINA HAS SWIFTLY become one of the largest biopharmaceuticals (biopharma) and medical products markets in the world, projected to reach \$145-175 billion in sales by 2022.¹ Quicker regulatory approval and widening market access are among the profound changes that have made China a significant market for biopharma companies to launch innovative medical products. But the vast majority of firms are often disappointed by their commercial launches in China. The companies that succeed begin their launch preparation and planning early – absorbing a deep understanding of the country’s dynamic system, implementing strong organisational capabilities and developing an agile approach.

China’s fast-moving health care industry landscape and unique market characteristics often demand that a biopharma company or biological/chemical medicine manufacturer adopt a ‘China perspective’, with a launch strategy that differs from those used in the west. Deloitte’s recent experience supporting biopharma companies has enabled us to identify the following four critical areas that support such a strategy and are crucial to a successful launch in China.

1. Rethink market access and reimbursement

Market access in China is evolving rapidly. Since 2017 the country has approved a record number of innovative foreign drugs.² These approvals follow a series of policy moves to provide public funding, enabling a population of 1.4 billion to access new and life-saving drugs – especially cancer therapies. Before that, it was difficult for innovative medicines to achieve reimbursement. From 2001 to 2016, the national reimbursement drug list (NRDL; a list of drugs for which the government pays some or all of the cost) was updated only three times with limited inclusion of innovative medicines.³

China updated its NRDL in both 2017 and 2018. An important development was a new price negotiation mechanism. Following a small pilot in 2015, 45 medicines were invited into price negotiations in 2017; 36 of those, including some established blockbuster products, reached agreements to join the NRDL.⁴ However, success came at a cost – an average price cut of 44 per cent. In 2018 another 17 cancer drugs were added to the NRDL with an average 57 per cent discount.⁵ Drug makers are having to slash prices so that the Chinese government will cover the costs of some advanced treatments.⁶

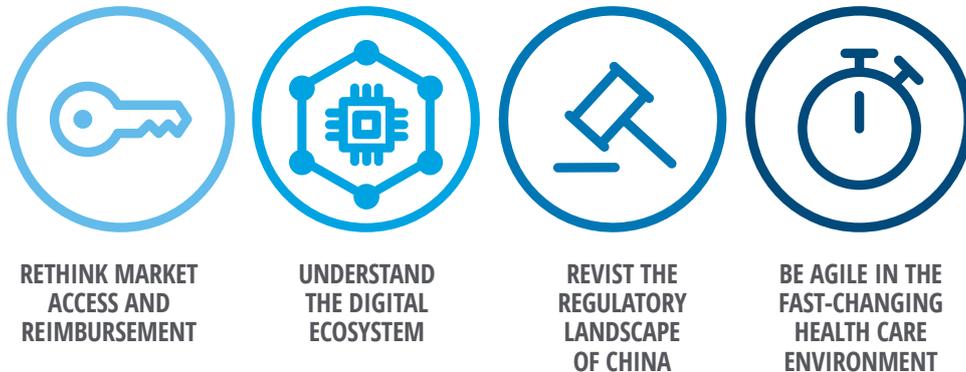
In contrast to the NRDL norm of reimbursing established products, ten of the 17 drugs added in 2018 were new products: a positive sign that reimbursement in China may now happen more quickly. Moreover, subnational payers and private insurers have also been proactive in experimenting and piloting different programmes (such as outcome-based schemes) to enhance patient access.

The new price negotiation mechanism requires companies to exhaustively explore the options surrounding a potential trade-off of price and/or volumes that can be sold. They must also evaluate the brand opportunity in a more sophisticated way than the traditional assessment for a self-pay market. Companies that want to succeed in launching products must stay on top of the changing dynamics and continue to explore new access options for patients.

Market access in China is evolving rapidly. Since 2017 the country has approved a record number of innovative foreign drugs.

FIGURE 1

The four critical areas to consider



2. Understand the digital ecosystem

Traditionally, China has had a ‘face-to-face’ business culture. However, thanks to large, government-led infrastructure programmes and investment, the country is now leading the way in digital innovation. Through the widespread adoption of smart devices, and innovative digital applications and tools, China has become a mobile-first economy.

Patients and physicians are both changing their behaviour in this new digital world. The rise of digital technologies and the associated ecosystem of partnerships are transforming the way a new product is launched and how patients interact with it. For example, vaccine manufacturers have initiated partnerships with local e-commerce platforms to offer vaccination consultations online.

It is undeniable that digital capability is now critical to a successful launch in this new era. More and more companies are partnering with local digital firms to expand the coverage and depth of market-shaping activities, capture deeper customer insights via ‘big data’ or provide customer solutions that add value beyond the products themselves. Although most companies are still on the journey of embedding digital technologies, those leading the market often have four key attributes driving their success, as shown in Figure 1.

3. Revisit the regulatory landscape in China

Historically, foreign innovative drugs were delayed by an average of five to seven years before receiving approval in China. The delay was mainly attributed to the slow review process and additional local requirements, such as the mandate that a local study cannot start before the completion of a Phase 2 study outside China.⁷ In 2017 the China Food and Drug Administration (CFDA) announced a series of regulatory reforms aimed at accelerating marketing authorisation of medical innovations. These included a fast-track approval process and a potential local-study waiver for products targeting rare diseases or diseases with substantial unmet needs.⁸

Understanding and using these modified processes has allowed some biopharma companies to shorten the time-to-market in China; there are products that have received CFDA approval within 12 months of approval by the European Medicines Agency and the US Food and Drug Administration. Other companies have yet to update their launch strategies, continuing to view China as a ‘second-wave’ market in clinical programmes and thereby losing competitive advantage. Moreover, there is still considerable ambiguity in how China’s new regulations apply to specific development programmes. Therefore, biopharma companies need an active local regulatory/development team to engage frequently with local authorities, assessing the likelihood of success down each regulatory path.

4. Be agile in the fast-changing health care environment

Another key ingredient for launch excellence is having the agility to react to the rapidly evolving health care environment in China, in the face of such countless uncertainties as:

- budding innovative Chinese newcomers (as of 2018, more than 130 Class I domestic pipeline products were undergoing registration or Phase 3)
- the trade wars between the US and China
- deepening health care reform with a growing tiered system
- changing payers at the subregional and hospital levels and in the private sector.

Having just one area of uncertainty could easily affect all aspects of a biopharma company, not to mention a specific product launch strategy, in China. In Deloitte's experience, many multinational companies have not yet established an internal structure or systematic launch framework that would permit

an agile approach in China. They apply a generalised approach to developing a road map and key performance index, then encounter difficulties when unexpected market events take place. Global and local teams need to build a more agile collaboration mechanism. They should also embrace enhanced capabilities, such as scenario-based strategic management, to support launch excellence and product cycle management in an ever-changing marketplace.

Conclusion

As China's health care reforms continue, biopharma companies are facing an attractive but fast-moving environment. Capitalising on its opportunities requires working with the evolving system in creative ways, starting with early preparation and planning. Explore further insights into China's market access, digital technologies, regulations and changing health care environment with our full series of articles.

Endnotes

1. Joy Persaud, "Chinese pharma market primed for growth after sweeping reforms", Pharmaphorum, 25 September 2018.
2. "2017 new medicines in China eruption: 39 imported foreign medicines go to market and 174 type 1 new medicines in application", E-med agency, 26 February 2018.
3. "New NRDL update released after 8 years", Sina, 24 February 2017.
4. "MOHRSS released NRDL update", Ministry of Human Resources and Social Security of the People's Republic of China, 19 July 2017.
5. "The National Medical Insurance Bureau issued the results of the special negotiation on the admission of anti-cancer drugs", CCTV news, 10 October 2018.
6. "Drugmakers gain more access to China, but at a price", The Wall Street Journal, 27 November 2018.
7. "New drug domestic market is accelerated again: The Chinese Food and Drug Administration recognizes overseas clinical data, including generic drugs", The Observer, 11 July 2018.
8. "The State Drug Administration issued the Technical Guidelines for Accepting Data on Overseas Clinical Trials of Drugs", Drug Administration Shanghai, 11 July 2018.

About the authors

DAVID XIE is a director based in Deloitte's Shanghai office. David has extensive R&D operations and strategy consulting experience. In his consulting career, David worked with various clients from the pharmaceutical, provider, private equity and not-for-profit fields, focusing on strategy and innovation projects as well as market access and organisational transformation, private equity investments and global health delivery.

XIAOFENG LI is a manager at Deloitte's Strategy Consulting practice and specialises in the life sciences and health care industry, focusing on commercial and clinical development as well as corporate strategy. He brings in-depth knowledge of health care systems in global markets as well as a high level of experience in delivering insights and solutions for a variety of complex strategic issues over a broad range of therapeutic areas.

Acknowledgments

The authors would like to thank **An Li** of Monitor Deloitte for her contributions to this article.

Contacts

Thomas Croisier

Head of Monitor Deloitte France
Life Sciences Launch and Value Practice leader
Deloitte partner
Monitor Deloitte France
+33 1 58 37 92 87
tcroisier@deloitte.fr

Andrew Yu

Deloitte China
Life Sciences and Health Care Consulting leader
Managing partner
Deloitte China
+86 21 23166913
andryu@deloitte.com.cn

David Xie

Director
Monitor Deloitte China
+86 21 61411209
daxie@deloitte.com.cn

Xiaofeng Li

Manager
Monitor Deloitte UK
+44 20 7007 3042
xiaofli@deloitte.co.uk

Deloitte.

Insights

Sign up for Deloitte Insights updates at www.deloitte.com/insights.

 Follow @DeloitteInsight

Deloitte Insights contributors

Editorial: Sabine Seeger and Nairita Gangopadhyay

Creative: Mark Milward

Promotion: Nabela Ahmed

Cover artwork: Mike Ellis

About Deloitte Insights

Deloitte Insights publishes original articles, reports and periodicals that provide insights for businesses, the public sector and NGOs. Our goal is to draw upon research and experience from throughout our professional services organization, and that of coauthors in academia and business, to advance the conversation on a broad spectrum of topics of interest to executives and government leaders.

Deloitte Insights is an imprint of Deloitte Development LLC.

About this publication

This publication has been written in general terms and therefore cannot be relied on to cover specific situations; application of the principles set out will depend upon the particular circumstances involved and we recommend that you obtain professional advice before acting or refraining from acting on any of the contents of this publication. This publication and the information contained herein is provided "as is," and Deloitte University EMEA CVBA makes no express or implied representations or warranties in this respect and does not warrant that the publication or information will be error-free or will meet any particular criteria of performance or quality. Deloitte University EMEA CVBA accepts no duty of care or liability for any loss occasioned to any person acting or refraining from action as a result of any material in this publication.

About Deloitte

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee ("DTTL"), its network of member firms, and their related entities. DTTL and each of its member firms are legally separate and independent entities. DTTL (also referred to as "Deloitte Global") does not provide services to clients. In the United States, Deloitte refers to one or more of the US member firms of DTTL, their related entities that operate using the "Deloitte" name in the United States and their respective affiliates. Certain services may not be available to attest clients under the rules and regulations of public accounting. Please see www.deloitte.com/about to learn more about our global network of member firms.

Copyright © 2019 Deloitte University EMEA CVBA.

Responsible publisher: Deloitte University EMEA CVBA, with registered office at B-1831 Diegem, Berkenlaan 8b.