



The Chinese Market for Cancer Intervention

June 2017

Jason Chen

Report Code: PHM179A

Table of Contents

- Chapter 1: Introduction 1**
 - Study Goals and Objectives..... 1
 - Reasons for Doing This Study..... 1
 - Scope of Report..... 1
 - Information Sources..... 1
 - Methodology..... 2
 - Geographic Breakdown..... 2
 - Analyst's Credentials..... 8
 - Related BCC Research Reports..... 8

- Chapter 2: Summary and Highlights..... 10**
 - Largest Segments in the Chinese Cancer Intervention Market 12
 - Fastest Growing Segments in the Chinese Cancer Intervention Market..... 12

- Chapter 3: Market and Technology Background 14**
 - Market Background 14
 - Number of Cancer Cases in China 14
 - Geographical Distribution 15
 - Medical System 17
 - Drug Distribution System in China 20
 - Sales Channels 25
 - Key Trends in the Chinese Cancer Intervention Market 27
 - Technology Background..... 28
 - Key Technology Trends in the Chinese Cancer Intervention Market..... 29

- Chapter 4: Market Breakdown by Technology Type 32**
 - Antitumor Drugs 34
 - Immunopotentiators..... 35
 - Immunosuppressors 36
 - Adjuvant Drugs..... 37
 - Cancer Surgery 38
 - Radiotherapy..... 39
 - Diagnosis and Detection 40

- Chapter 5: Market Breakdown by Product..... 43**
 - Drugs used for Cancer Treatment in China..... 46
 - Antitumor Drugs and Immunomodulators 47
 - Adjuvant Drugs..... 75
 - Cancer Surgery 77
 - Radiotherapy..... 78
 - Diagnosis and Detection 79

- Chapter 6: Market Breakdown by End Use 85**
 - Chinese Lung Cancer Intervention Market 87
 - Chinese Lung Cancer Drug Market 88
 - Chinese Lung Cancer Surgery Market 91
 - Chinese Lung Cancer Radiotherapy Market 91
 - Chinese Lung Cancer Diagnosis and Detection Market 91

Chinese Gastric Cancer Intervention Market.....	91
Chinese Gastric Cancer Drug Market	92
Chinese Gastric Cancer Surgery Market	93
Chinese Gastric Cancer Radiotherapy Market.....	93
Chinese Gastric Cancer Diagnosis and Detection Market	93
Chinese Liver Cancer Intervention Market	93
Chinese Liver Cancer Drug Market	94
Chinese Liver Cancer Surgery Market	94
Chinese Liver Cancer Radiotherapy Market	94
Chinese Liver Cancer Diagnosis and Detection Market	95
Chinese Esophageal Cancer Intervention Market.....	95
Chinese Esophageal Cancer Drug Market	96
Chinese Colorectal Cancer Intervention Market	96
Chinese Colorectal Cancer Drug Market.....	97
Chinese Breast Cancer Intervention Market.....	98
Chinese Breast Cancer Drug Market	99
Market of Other Cancer Types in China.....	100
Thyroid Cancer Drug Permission in China.....	100
Leukemia Drug Permission in China	101
Pancreatic Cancer Drug Permission in China.....	101
Lymphoma Drug Permission in China	102
Ovarian, Cervical and Fallopian Tube Drug Permission in China	102
Melanoma Drug Permission in China	103
Chapter 7: Market Breakdown by Region	105
East China Cancer Intervention Market.....	107
Middle China Cancer Intervention Market	109
North China Cancer Intervention Market	111
Southwest China Cancer Intervention Market	113
Northwest China Cancer Intervention Market	114
Northeast China Cancer Intervention Market	116
South China Cancer Intervention Market	117
Chapter 8: Analysis of Market Opportunities	120
Reference Listed Drugs	120
Generic Drugs.....	121
Surgery Materials.....	121
Radiotherapy Equipment	121
DNA Sequencing.....	121
Traditional Chinese Drugs	122
Chapter 9: Company Profiles	124
Appendix: Glossary	154
About BCC Research.....	155
About BCC Research.....	156
BCC Membership	156
BCC Custom Research	156

List of Tables

Summary Table: Chinese Market for Cancer Intervention, by Service Type, Through 2022 (\$ Millions)...	11
Table 1 Cancer Cases and Shares in China, by Indication, in 2015 (Thousand, %)	15
Table 2 Cancer Cases and Rates in China, by Indication, in 2015 (Thousand, per 100,000 People)	16
Table 3 Number of Hospitals in China, by Type, 2014 and 2015	18
Table 4 Number of City and County Hospitals in China, by Grade, 2014 and 2015	19
Table 5 Number of City and County Hospitals in China, by Ownership, 2014 and 2015.....	19
Table 6 Numbers of Town and Village Hospitals in China, by Type, 2014 and 2015	20
Table 7 Key Market Trends for the Cancer Intervention Market in China	28
Table 8 Key Technology Trends for Cancer Intervention in China.....	30
Table 9 Chinese Market for Cancer Intervention, by Major Segments, Through 2022 (\$ Millions).....	33
Table 10 Chinese Antitumor Drug Market, by Technology Type, Through 2022 (\$ Millions)	34
Table 11 Chinese Immunopotentiator Market, by Technology Type, Through 2022 (\$ Millions).....	36
Table 12 Chinese Immunosuppressor Market, by Technology Type, Through 2022 (\$ Millions)	37
Table 13 Chinese Adjuvant Drug Market, by Technology Type, Through 2022 (\$ Millions).....	38
Table 14 Chinese Cancer Surgery Market, by Surgery Purpose, Through 2022 (\$ Millions)	39
Table 15 Chinese Radiotherapy Market, by Technology Type, Through 2022 (\$ Millions)	40
Table 16 Chinese Cancer Diagnosis and Detection Market, by Technology Type, Through 2022 (\$ Millions)	41
Table 17 Chinese Market for Cancer Intervention, by Major Type, Through 2022 (\$ Millions).....	44
Table 18 Chinese Market for Cancer Treatment, by Major Purpose, Through 2022 (\$ Millions)	46
Table 19 Drugs for Cancer Treatment in China, by Product Type, Through 2022 (\$ Millions).....	46
Table 20 Chinese Antitumor Drug and Immunomodulators Market, by Product Type, Through 2022 (\$ Millions)	47
Table 21 Chinese Antitumor Drug Market, by Product, Through 2022 (\$ Millions).....	48
Table 22 Chinese Paclitaxel Market, by Product, Through 2022 (\$ Millions).....	49
Table 23 Chinese Paclitaxel Market Share, by Product, in 2016 (\$ Millions/%).....	49
Table 24 Chinese Pemetrexed Disodium Market, by Producer, Through 2022 (\$ Millions)	50
Table 25 Chinese Pemetrexed Disodium Market Share, by Producer, in 2016 (\$ Millions/%)	51
Table 26 Chinese Docetaxel Market, by Producer, Through 2022 (\$ Millions)	52
Table 27 Chinese Docetaxel Market Share, by Producer, in 2016 (\$ Millions/%)	53
Table 28 Chinese Tegafur/Gimeracil/Oteracil Market, by Producer, Through 2022 (\$ Millions)	54
Table 29 Chinese Tegafur/Gimeracil/Oteracil Market Share, by Producer, in 2016 (\$ Millions/%).....	55
Table 30 Chinese Oxaliplatin Market, by Producer, Through 2022 (\$ Millions).....	56
Table 31 Chinese Oxaliplatin Market, by Producer, in 2016 (\$ Millions/%)	57
Table 32 Chinese Imatinib Market, by Producer, Through 2022 (\$ Millions).....	58
Table 33 Chinese Imatinib Market Share, by Producer, in 2016 (\$ Millions/%)	58
Table 34 Chinese Capecitabine Market, by Producer, Through 2022 (\$ Millions)	59
Table 35 Chinese Capecitabine Market Share, by Producer, in 2016 (\$ Millions/%)	60
Table 36 Chinese Rituximab Market, by Producer, Through 2022 (\$ Millions)	62
Table 37 Chinese Trastuzumab Market, by Producer, Through 2022 (\$ Millions)	62
Table 38 Chinese Immunomodulator Market, by Product, Through 2022 (\$ Millions).....	63
Table 39 Chinese Thymopentin Market, by Producer, Through 2022 (\$ Millions).....	64
Table 40 Chinese Thymopentin Market Share, by Producer, 2016 (\$ Millions/%).....	65
Table 41 Chinese Tacrolimus Market, by Producer, Through 2022 (\$ Millions)	66
Table 42 Chinese Tacrolimus Market Share, by Producer, in 2016 (\$ Millions/%).....	66
Table 43 Chinese Antitumor Drug and Immunomodulator Market, by Product, Through 2022 (\$ Millions)	68

Table 44 Chinese Chemical and Biological Antitumor Drug and Immunomodulator Market, by Product, Through 2022 (\$ Millions).....	68
Table 45 Traditional Chinese Antitumor Drug and Immunomodulator Market, by Product, Through 2022 (\$ Millions).....	69
Table 46 Chinese Antitumor Drug and Immunomodulator Market, by Sales Channel, Through 2022 (\$ Millions).....	70
Table 47 Chinese Hospital Antitumor Drug and Immunomodulator Market, by Hospital Type, Through 2022 (\$ Millions).....	71
Table 48 Chinese Chemical & Biological Antitumor Drug and Immunomodulator Market, by Hospital Type, Through 2022 (\$ Millions).....	72
Table 49 Traditional Chinese Antitumor Drug and Immunomodulator Market, by Hospital Type, Through 2022 (\$ Millions).....	72
Table 50 Chemical and Biological Drug Market in Hospitals in China, by Drug Type and Hospital Type, 2016 (\$ Millions).....	73
Table 51 Traditional Chinese Drug Market in Hospitals in China, by Drug Type and Hospital Type, in 2016 (\$ Millions).....	74
Table 52 Chinese Retail Drug Market, by Drug Type, Through 2022 (\$ Millions).....	75
Table 53 Chinese Adjuvant Drug Market, by Product Type, Through 2022 (\$ Millions).....	75
Table 54 Chinese Antiemetic Drug Market, by Product Type, Through 2022 (\$ Millions).....	76
Table 55 Chinese Cancer Surgery Market, by Product and Service Type, Through 2022 (\$ Millions).....	77
Table 56 Chinese Radiotherapy Market, by Service Type, Through 2022 (\$ Millions).....	78
Table 57 Chinese Radiotherapy Equipment Market, by Service Type, Through 2022 (\$ Millions).....	79
Table 58 Chinese Cancer Diagnosis and Detection Market, by Service Type, Through 2022 (\$ Millions).....	80
Table 59 Chinese Cancer DNA Sequencing Diagnosis and Detection Market, by Indication, Through 2022 (\$ Millions).....	80
Table 60 Chinese Cancer DNA Sequencing Diagnosis and Detection Market, by Test Purpose, Through 2022 (\$ Millions).....	82
Table 61 Chinese Cancer DNA Sequencing Diagnosis and Detection Market, by Test Complexity, Through 2022 (\$ Millions).....	83
Table 62 Chinese Cancer Intervention Market, by Cancer Type, Through 2022 (\$ Millions).....	86
Table 63 Chinese Lung Cancer Intervention Market, by Service Type, Through 2022 (\$ Millions).....	87
Table 64 Chinese Lung Cancer Intervention Market Comparison, by Service Type, 2016 (%).....	88
Table 65 Chinese Lung Cancer Drug Market, by Product, Through 2022 (\$ Millions).....	89
Table 66 Tinibs for Lung Cancer Intervention in China, by Drug, 2016 (\$ Millions/%).....	90
Table 67 Lung Cancer Targeting Drug Permission in China, 2016.....	90
Table 68 Chinese Gastric Cancer Intervention Market, by Service Type, Through 2022 (\$ Millions).....	92
Table 69 Chinese Gastric Cancer Intervention Market Comparison, by Service Type, 2016 (%).....	92
Table 70 Chinese Liver Cancer Intervention Market, by Service Type, Through 2022 (\$ Millions).....	93
Table 71 Chinese Liver Cancer Intervention Market Comparison, by Service Type, 2016 (%).....	94
Table 72 Chinese Esophageal Cancer Intervention Market, by Service Type, Through 2022 (\$ Millions).....	95
Table 73 Chinese Esophageal Cancer Intervention Market Comparison, by Service Type, 2016 (%).....	96
Table 74 Chinese Colorectal Cancer Intervention Market, by Service Type, Through 2022 (\$ Millions).....	97
Table 75 Chinese Colorectal Cancer Intervention Market Comparison, by Service Type, 2016 (\$ Millions).....	97
Table 76 Colorectal Cancer Targeting Drug Permission in China, 2016.....	98
Table 77 Chinese Breast Cancer Intervention Market, by Service Type, Through 2022 (\$ Millions).....	98
Table 78 Chinese Breast Cancer Intervention Market Comparison, by Service Type, 2016 (%).....	99
Table 79 Breast Cancer Targeting Drug Permission in China, 2016.....	99
Table 80 Chinese Cancer Intervention Market for Other Cancers, by Service Type, Through 2022 (\$ Millions).....	100
Table 81 Thyroid Cancer Targeting Drug Permission in China, 2016.....	100

Table 82 Leukemia Cancer Targeting Drug Permission in China, 2016	101
Table 83 Pancreatic Cancer Targeting Drug Permission in China, 2016	101
Table 84 Lymphoma Targeting Drug Permission in China, 2016	102
Table 85 Ovarian, Cervical and Fallopian Tube Cancer Targeting Drug Permission in China, 2016	102
Table 86 Melanoma Targeting Drug Permission in China, 2016	103
Table 87 Chinese Cancer Intervention Market, by Region, Through 2022 (\$ Millions).....	106
Table 88 East China Cancer Intervention Market, by Province, Through 2022 (\$ Millions).....	108
Table 89 East China Cancer Intervention Market per Capita, by Province, in 2016 (\$ Millions).....	109
Table 90 Middle China Cancer Intervention Market, by Province, Through 2022 (\$ Millions)	110
Table 91 Middle China Cancer Intervention Market per Capita, by Province, in 2016 (\$ Millions)	111
Table 92 North China Cancer Intervention Market, by Province, Through 2022 (\$ Millions).....	111
Table 93 North China Cancer Intervention Market per Capita, by Province, in 2016 (\$ Millions)	112
Table 94 Southwest China Cancer Intervention Market, by Province, Through 2022 (\$ Millions)	114
Table 95 Southwest China Cancer Intervention Market per Capita, by Province, in 2016 (\$ Millions) ...	114
Table 96 Northwest China Cancer Intervention Market, by Province, Through 2022 (\$ Millions)	115
Table 97 Northwest China Cancer Intervention Market per Capita, by Province, in 2016 (\$ Millions) ...	115
Table 98 Northeast China Cancer Intervention Market, by Province, Through 2022 (\$ Millions)	116
Table 99 Northeast China Cancer Intervention Market per Capita, by Province, in 2016 (\$ Millions)	116
Table 100 South China Cancer Intervention Market, by Province, Through 2022 (\$ Millions).....	117
Table 101 South China Cancer Intervention Market per Capita, by Province, in 2016 (\$ Millions)	118
Table 102 Lung Cancer Targeting Drug Permission in China, 2016	120
Table 103 Astellas Sales in China, Through 2022 (\$ Millions).....	126
Table 104 AstraZeneca’s Sales in China, Through 2022 (\$ Millions).....	127
Table 105 Bayer Drug Sales in China, Through 2022 (\$ Millions)	128
Table 106 Bristol-Myers Squibb Cancer Drug Sales in China, Through 2022 (\$ Millions).....	131
Table 107 Chiatai Tianqing Cancer Drug Sales in China, Through 2022 (\$ Millions)	132
Table 108 Fsens Cancer Drug Sales in China, Through 2022 (\$ Millions)	134
Table 109 Yibai Cancer Drug Sales in China, Through 2022 (\$ Millions).....	136
Table 110 Hahsoh Cancer Drug Sales in China, Through 2022 (\$ Millions)	137
Table 111 Hengrui Cancer Drug Sales in China, Through 2022 (\$ Millions).....	139
Table 112 Johnson & Johnson Drug Sales in China, Through 2022 (\$ Millions)	140
Table 113 Lunan Drug Sales in China, Through 2022 (\$ Millions).....	141
Table 114 Luye Drug Sales in China, Through 2022 (\$ Millions).....	142
Table 115 MSD Drug Sales in China, Through 2022 (\$ Millions).....	143
Table 116 Novartis Drug Sales in China, Through 2022 (\$ Millions).....	143
Table 117 Pfizer Drug Sales in China, Through 2022 (\$ Millions)	144
Table 118 Qilu Drug Sales in China, Through 2022 (\$ Millions).....	145
Table 119 Roche Drug Sales in China, Through 2022 (\$ Millions)	146
Table 120 Sanofi Drug Sales in China, Through 2022 (\$ Millions)	147
Table 121 Kanglaite Drug Sales in China, Through 2022 (\$ Millions)	152
Table 122 Glossary/Abbreviations in this Report	154

List of Figures

Summary Figure: Chinese Market for Cancer Intervention, by Service Type, 2016-2022 (\$ Millions).....	11
Figure 1 Drug Supply Chain in China	20
Figure 2 Chinese Market for Cancer Intervention, by Major Segments, 2016-2022 (\$ Millions).....	33
Figure 3 Chinese Market for Cancer Intervention, by Major Type, 2016-2022 (\$ Millions).....	45
Figure 4 Chinese Paclitaxel Market Share, by Product, 2016 (%)	50
Figure 5 Chinese Pemetrexed Disodium Market Share, by Producer, 2016 (%)	52
Figure 6 Chinese Docetaxel Market Share, by Producer, 2016 (%)	54
Figure 7 Chinese Tegafur/Gimeracil/Oteracil Market Share, by Producer, 2016 (%).....	55
Figure 8 Chinese Oxaliplatin Market, by Producer, 2016 (%)	57
Figure 9 Chinese Imatinib Market Share, by Producer, 2016 (%).....	59
Figure 10 Chinese Capecitabine Market Share, by Producer, 2016 (%)	61
Figure 11 Chinese Thymopentin Market Share, by Producer, 2016 (%).....	65
Figure 12 Chinese Tacrolimus Market Share, by Producer, 2016 (%).....	67
Figure 13 Chinese Cancer Intervention Market, by Region, 2016-2022 (\$ Millions).....	107



About BCC Research

About BCC Research

With our unparalleled 45-year history, BCC Research provides comprehensive analysis of global market sizing, forecasting and industry intelligence, covering markets where advances in science and technology are improving the quality, standard and sustainability of businesses, economies and lives.

BCC Membership

From market sizing and forecasts, to opportunity assessments and competitive analyses, our ever-expanding library gives you the data, insights and intelligence required to ensure your project is a success. Members benefit from ongoing, unlimited access to the category or collections of their choice, and most membership packages pay for themselves within two to three reports being accessed.

Did you buy this report? You may qualify to apply your purchase price towards a full membership. Call 866/285-7215 or E-mail info@bccresearch.com to request a demo.

BCC Custom Research

Our experts provide custom research projects to those working to identify new markets, introduce new products, validate existing market share, analyze competition and assess the potential for products to impact existing markets. With impressive academic credentials and broad and deep knowledge of global industrial markets, our independent analysts and consultants develop the facts, figures, analysis and assessments to inform the decisions that will move your company ahead. Confidential inquiries to: custom@bccresearch.com or 781/205-2429.

DISCLAIMER

The information developed in this report is intended to be as reliable as possible at the time of publication and is of a professional nature. This information does not constitute managerial, legal or accounting advice, nor should it be considered as a corporate policy guide, laboratory manual or an endorsement of any product, as much of the information is speculative in nature. BCC Research and the author assume no responsibility for any loss or damage that might result from reliance on the reported information or from its use.

ISBN: 1-62296-516-7
June 2017