

Industry In-depth Research

Bringing China to the World

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Equalweight **Downgrade**

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Policy risk

Pharmaceuticals: Sector outlook

China's drug retail sales growth moderated to +6.9% YoY in 1H18 (vs +7.6% YoY in 2017), according to Menet. We attribute the slowdown in drug sales growth mainly to restrictions on basic medical insurance expenditure. We forecast China's drug sales to expand at a Cagr of c.7% over the next three years. We believe Sino Biopharmaceutical (01177:HK – BUY), CSPC Pharmaceutical (01093:HK – BUY), and 3SBio (01530:HK – BUY) will be long-term winners, thanks to their strong research and development (R&D) capability and the solid growth of their existing product portfolio. However, given potential policy-driven price cuts for generics having passed consistency evaluation in 11 pilot areas, we downgrade our sector rating from Overweight to Equalweight.

Listed pharmaceutical companies outperformed. The average top-line growth of the 29 Hong Kong-listed pharmaceuticals manufacturers accelerated from +16.1% YoY in 1H17 to +28.3% YoY in 1H18, while average net profit growth slowed from +23.2% YoY in 1H17 to +19.2% YoY in 1H18. We note the average recurring net profit of the 194 A-share listed pharmaceutical companies grew 18.5% YoY in 1H18 (vs +17.9% YoY in 1H17), beating the industry average (+14.4% YoY). We believe China's pharmaceutical industry will further consolidate, as implementation of the "two-invoice scheme" increases operational cost pressure on small players. Moreover, large pharmaceutical companies benefit from strong R&D capability and are likely to complete quality consistency evaluations for generic drugs ahead of smaller players.

Increased financial burden on distributors. The average distribution sales growth of the three Hong Kong-Listed pharmaceutical distributors decelerated from +13.4% YoY in 1H16 to +10.0% YoY in 1H18. Moreover, the average distribution revenue growth of the 14 A-share listed pharmaceutical distributors also moderated from +13.4% YoY in 1H17 to +5.3% YoY in 1H18. Following the roll-out of the "two-invoice scheme", large distributors have experienced faster growth in direct sales to medical institutions, albeit at the expense of longer receivable days. Public hospitals tend to ask for extended payment terms as they face profitability erosion due to the "zero mark-up" policy. In addition, we note the average interest rate of corporate bonds rose from 5.0% in July 2017 to 6.1% in February 2018, before falling back to 5.0% in August 2018.

Medical services providers' earnings volatility. China Resources Phoenix Healthcare (01515:HK – BUY) saw its net profit decline 38% YoY in 1H18, mainly due to one-off gains from its stake in UMP Healthcare (00722:HK – N-R) in 1H17. Excluding non-recurring items, the firm's core earnings increased 7% YoY in 1H18. We note New Century Healthcare (01518:HK – N-R) also recorded a net profit decline in 1H18 (-45.8% YoY), due to an increase in operating costs as newly established clinics in Beijing started operations in 2018. Meanwhile, Rici Healthcare (01526:HK – N-R) and Harmonicare Medical (01509:HK – N-R) also posted substantial earnings decline in 1H18, due to rising operational costs amid expanding businesses. On average, Hong Kong-listed health care services providers saw their revenue grow 18.3% YoY in 1H18 (vs +9.9% YoY in 1H17), while average net profit declined 41.8% YoY in 1H18 (vs +12.6% YoY in 1H17).

Downgrade to Equalweight. The MSCI China Healthcare Index decreased 4% YTD and currently trades at 24x one-year forward PE (close to its historical average), while the MSCI China Index lost 12% YTD and currently trades at 12x one-year forward PE (also close to its historical average). Given potential policy-driven price cuts for generics having passed consistency evaluation in 11 pilot areas, we downgrade our sector rating from Overweight to Equalweight. Nonetheless, we believe Sino Biopharmaceutical (01177:HK – BUY), CSPC Pharmaceutical (01093:HK – BUY), and 3SBio (01530:HK – BUY) will be long-term winners, thanks to their strong R&D capability and the solid growth of their existing product portfolio.



投资要点:

米内网数据显示·2018 年上半年国内药品终端市场销售额同比增速为 6.9%·较 2017 年全年 7.6%的增速有所下滑。我们认为药品销售增速放缓主要由于政府对于医保支出的严格控制。我们预计国内药品销售额未来三年复合增速维持在约 7%。

上市医药制造企业表现优于同行。我们总结了 29 家香港上市的医药制造企业的业绩表现,平均收入增速从 17 年上半年的 16.1%提升至 18 年上半年的 28.3%,平均净利润增速从 17 年上半年的 23.2%下降至 18 年上半年的 19.2%。对于已经公布半年报的194 家 A 股上市医药制造企业,平均扣非净利润于 18 年上半年同比增长 18.5%(17年上半年增长 17.9%),高于 18 年上半年国内医药制造业的整体净利润增速(14.4%)。我们认为未来国内医药制造行业的集中度将进一步提高。受两票制的影响,小型药企或将面临运营压力。并且,大型药企研发实力强,在仿制药一致性评价方面具备优势。

医药流通企业面临财务成本上升的压力。对于 3 家香港上市的医药流通企业,其分销业务的平均收入增速从 16 年上半年的 13.4%下降至 18 年上半年的 10.0%。与此同时,14 家 A 股医药流通企业分销业务收入的平均增速从 17 年上半年的 13.4%下降至 18 年上半年的 5.3%。随着两票制的执行,大型医药流通企业的纯销业务实现了较快增长,同时,由于纯销业务应收账款天数长,企业也面临整体应收账款天数延长的压力。公立医院由于"零加成"政策的实施,利润空间遭到挤压,倾向于向流通企业要求延长付款天数。此外,我们注意到国内公司债的平均利率从 17 年 7 月的 4.98%提升至 18 年 2 月的 6.14%,今年 8 月下降至 4.98%。

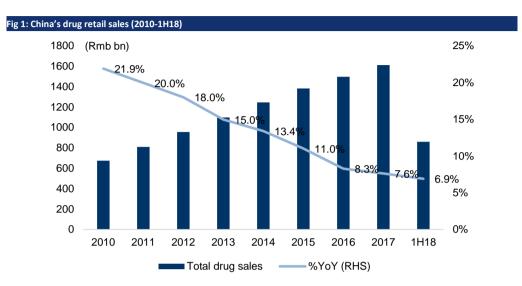
医疗服务企业的盈利波动较大。华润凤凰医疗(01515:HK-未评级)18 年上半年净利润同比下滑 38%,主要由于去年公司持有联合医务(00722:HK-未评级)股份的一次性收益,18 年上半年的核心净利润同比增长 7%。新世纪医疗(01518:HK-未评级)18 年上半年净利润同比下滑 45.8%,主要由于北京地区新开诊所带来运营开支的增长。此外,瑞慈医疗(01526:HK-未评级)与和美医疗(01509:HK-未评级)18 年上半年盈利水平下降,主要由于现有业务以及新业务扩张造成运营开支增加。香港上市的医疗服务企业的平均收入增速从 17 年上半年的 9.9%提升至 18 年上半年的 18.3%,18 年上半年的平均净利润同比下滑 41.8%(17 年上半年同比增长 12.6%)。

下调评级至标配。年初至今摩根士丹利中国医药指数下滑 4%、摩根士丹利中国指数下跌 12%。目前摩根士丹利中国医药指数的动态市盈率为 24 倍、约为历史平均水平。此外、摩根士丹利中国指数的动态市盈率为 12 倍、约为历史平均水平。考虑到近期受 11 个试点城市带量采购政策、仿制药价格面临降价的影响、我们将行业评级由超配下调至标配。我们推荐长期持有研发实力强并且现有产品组合增长稳健的公司、例如中国生物制药(01177:HK-买入)、三生制药(01530:HK-买入)和石药集团(01093:HK-买入)。

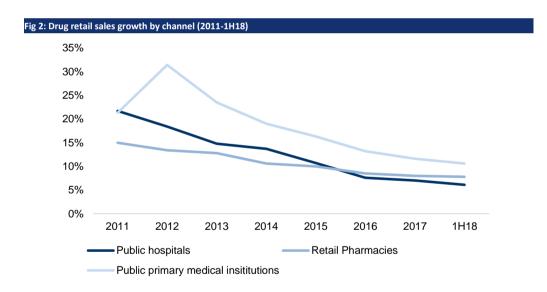


Moderating drug retail sales growth

China's drug retail sales growth moderated to +6.9% YoY in 1H18 (vs +7.6% YoY in 2017), according to Menet, while public hospitals experienced the slowest growth among retail channels (+6.1% YoY in 1H18; vs +7.0% YoY in 2017).



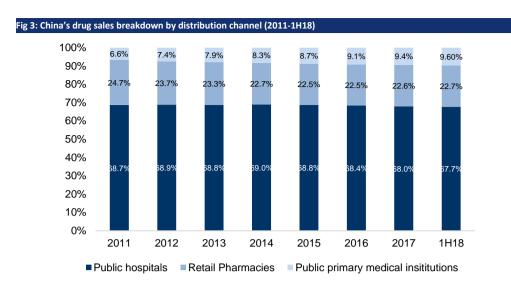
Source: Menet, SWS Research



Source: Menet, SWS Research

However, data from Menet shows that public hospitals still occupied a dominant 67.7% market share in the Chinese drug market in 1H18, while the market share of public primary medical institutions continued to increase to 9.6% in 1H18 and that of retail pharmacies increased to 22.7%. This indicates that an increasing number of patients are directed from Class-II and -III hospitals to primary medical institutions, following the roll-out of the "hierarchical medical system". The Chinese government is encouraging patients to receive treatment in primary medical institutions by offering cheaper medical service fees and better reimbursement.





Source: Menet, SWS Research

We believe the slowdown in drug sales growth is mainly attributable to restrictions on basic medical insurance expenditure. In order to keep China's basic medical insurance fund expenses under control, authorities have taken a number of measures, including cancelling drug mark-ups, rolling out the "two-invoice scheme", lowering drug prices, and limiting the use of adjuvant drugs.

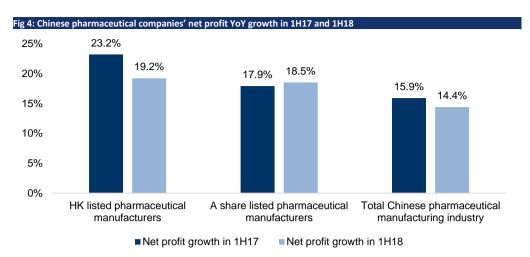
Chinese authorities aim to roll out the "two invoice scheme" nationwide by end-2018. As a result, most provinces have already implemented the new scheme. In addition, the central government required all public hospitals to cancel drug mark-ups by 30 September 2017. In order to offset losses, public hospitals tend to ask for higher drug price discounts from manufacturers and distributors. We forecast China's drug retail sales to grow at a c.7% Cagr over the next three years.

Listed pharmaceutical companies outperformed

The average top-line growth of the 29 Hong Kong-listed pharmaceuticals manufacturers accelerated from +16.1% YoY in 1H17 to +28.3% YoY in 1H18, while average net profit growth slowed from +23.2% YoY in 1H17 to +19.2% YoY in 1H18. We note the average recurring net profit of the 194 A-share listed pharmaceutical companies grew 18.5% YoY in 1H18 (vs +17.9% YoY in 1H17), beating the industry average (+14.4% YoY).

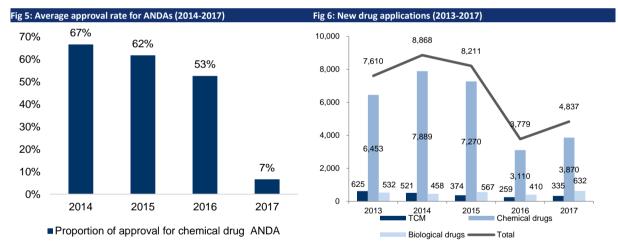
According to the National Bureau of Statistics (NBS), China's pharmaceutical manufacturing industry recorded 13.5% YoY revenue growth and 14.4% YoY net profit growth in 1H18. We note listed pharmaceutical companies outperformed the industry, indicating market share gains for large players.





Source: Bloomberg, Wind, National Bureau of Statistics, SWS Research

We believe China's pharmaceutical industry will further consolidate, as implementation of the "two-invoice scheme" increases operational cost pressure on smaller players. Meanwhile, the National Medical Products Administration (NMPA, formerly known as CFDA) has largely tightened criteria for new drug registration since 2015. We note the average approval rate for abbreviated new drug applications (ANDAs) declined from 53% in 2016 to 7% in 2017. The number of drug registration applications also decreased from 8,211 in 2015 to 4,837 in 2017. As a result, the significantly higher R&D barrier has benefited large pharmaceutical companies, thanks to their strong R&D investment.



Source: CFDA, SWS Research

The NMPA requires that quality consistency evaluation for generics (289 drug varieties) be completed before 2018. To date, only 69 of them (24% of the total) have completed the evaluation according to our estimation. In addition, according to the government, only the first three players to pass the quality consistency evaluation will remain in the market as the other players will be excluded from tenders. As such, we expect the domestic generics market to consolidate rapidly in coming years. We also expect large players to gain market shares from expensive original drugs and low-quality generics.

The average gross margin of Hong Kong-listed pharmaceutical companies improved from 66.3% in 1H17 to 71.1% in 1H18. The average selling, general, and administrative (SG&A) expense ratio increased from 35.8% in 1H17 to 37.5% in 1H18. The average R&D expense ratio also increased from 4.5% in 1H17 to 5.8% in 1H18. We expect the R&D expense ratio to further rise in coming years due to pharmaceutical companies' increased focus on R&D and additional expenses related to quality consistency evaluations of generics.



We believe Sino Biopharmaceutical (01177:HK – BUY), CSPC Pharmaceutical (01093:HK – BUY), and 3SBio (01530:HK – BUY) will be long-term winners, thanks to their strong R&D capability and the solid growth of their existing product portfolio.

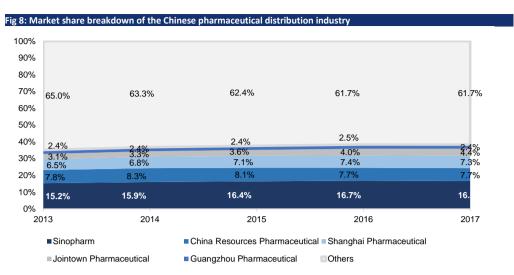
CSPC PHARMACEUTICAL GROUP LT SINO BIOPHARMACEUTICAL SINO BIOPHARMACEUTICAL SHANGHAI FOSUN PHARMACEUTI-H UANGZHOU BAIYUNSHAN PHARM-H 874 H SHANDONG WEIGAO GP MEDICAL-H 3SBIO INC GENSCRIPT BIOTECH CORP 1548 I CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H CHINA GRAND PHARMACEUTICAL A 512 H	HK 93,393 HK 80,688 HK 60,483 HK 36,088 HK 32,203 HK 29,211	27.1 25.7 12.6 39.2 68.6 36.9	1H18 41.1 24.1 -7.6 126.1 0.0	1H17 17.2 10.6 19.9	1H18 49.8 30.0	1H17 18.2 14.7	1H18 17.2	1H17 22.5	1H18	1H17	1H18	1H17	1H18	41147					Net gearing ratio (%)	
SINO BIOPHARMACEUTICAL 1177 I SHANGHAI FOSUN PHARMACEUTI-H UANGZHOU BAIYUNSHAN PHARM-H 874 H SHANDONG WEIGAO GP MEDICAL-H 3SBIO INC GENSCRIPT BIOTECH CORP 1548 I CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 93,393 HK 80,688 HK 60,483 HK 36,088 HK 32,203 HK 29,211	25.7 12.6 39.2 68.6	24.1 -7.6 126.1	10.6 19.9	30.0		17.2	22.5					11110	1H17	1H18	1H17	1H18	1H17	1H18	
SHANGHAI FOSUN PHARMACEUTI-H 2196 I UANGZHOU BAIYUNSHAN PHARM-H 874 H HANDONG WEIGAO GP MEDICAL-H 1066 I 35BIO INC 1530 I GENSCRIPT BIOTECH CORP 1548 I CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 80,688 HK 60,483 HK 36,088 HK 32,203 HK 29,211	12.6 39.2 68.6	-7.6 126.1	19.9		14.7			20.9	57.3	63.9	30.1	37.1	4.5	6.4	0.2	0.3	-18.2	-39.4	
UANGZHOU BAIYUNSHAN PHARM-H 874 H SHANDONG WEIGAO GP MEDICAL-H 1066 I 3SBIO INC 1530 I GENSCRIPT BIOTECH CORP 1548 I CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 60,483 HK 36,088 HK 32,203 HK 29,211	39.2 68.6	126.1				14.0	21.4	24.9	79.0	80.9	45.8	45.7	15.4	13.7	0.5	0.5	-43.6	-23.5	
HANDONG WEIGAO GP MEDICAL-H 3SBIO INC GENSCRIPT BIOTECH CORP 1548 I CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 36,088 HK 32,203 HK 29,211	68.6			42.7	20.5	13.3	11.7	14.9	56.7	58.0	29.8	41.2	5.6	5.8	3.2	3.8	22.6	46.3	
3SBIO INC 1530 I GENSCRIPT BIOTECH CORP 1548 I CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 32,203 HK 29,211		0.0	2.1	33.7	10.5	17.8	7.9	10.8	36.8	31.6	25.2	19.2	1.2	1.6	0.0	0.2	-61.4	-26.2	
GENSCRIPT BIOTECH CORP 1548 I CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2005 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 29,211	36.9		-6.8	39.4	21.8	15.7	25.7	21.1	62.4	60.3	35.8	37.7	4.5	3.4	0.6	2.7	-16.9	11.8	
CHINA TRADITIONAL CHINESE ME 570 H CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	-,		30.9	30.8	27.4	23.0	23.7	39.8	33.8	85.4	80.3	46.6	44.0	6.6	8.2	3.5	3.4	26.5	14.7	
CHINA MEDICAL SYSTEM HOLDING 867 H LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 26,388	13.6	3.6	19.1	77.0	23.6	13.8	24.0	21.7	67.7	72.5	38.5	34.0	7.5	24.8	NA	0.0	-64.1	-94.5	
LIVZON PHARMACEUTICAL GROU-H 1513 I LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H		22.0	27.0	21.9	40.1	15.4	13.9	22.1	19.9	55.6	53.7	27.3	28.6	3.1	2.7	NA	NA	15.8	10.7	
LUYE PHARMA GROUP LTD 2186 I SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 26,415	23.1	19.0	23.4	-1.2	30.0	36.1	31.2	32.9	61.9	70.9	25.9	31.4	0.0	0.0	1.1	1.6	37.1	8.3	
SSY GROUP LTD 2005 I MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 24,489	23.2	25.7	13.1	6.9	12.0	14.1	13.0	15.6	64.3	62.0	44.8	42.2	6.6	7.3	0.1	0.1	-29.5	-57.	
MICROPORT SCIENTIFIC CORP 853 H TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 22,368	-9.2	46.1	24.3	19.1	20.8	25.5	27.8	31.0	77.1	79.7	47.5	43.0	6.8	9.0	1.2	2.3	4.0	19.	
TONG REN TANG TECHNOLOGIES-H 1666 I SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 21,822	36.9	54.7	19.5	57.9	21.7	21.3	28.2	26.6	54.9	63.1	26.8	37.3	2.1	2.2	1.7	1.3	39.4	8.4	
SIHUAN PHARMACEUTICAL HLDGS 460 H	HK 15,873	355.8	11.2	9.5	42.6	9.8	7.7	13.5	10.2	72.9	70.8	43.7	43.3	11.8	12.2	3.0	2.7	35.0	51.	
	HK 14,857	-3.3	4.0	2.7	0.8	15.0	15.4	21.7	23.8	51.6	52.4	26.5	26.3	NA	NA	0.2	0.2	-34.0	-30.	
CHINA GRAND PHARMACEUTICAL A 512 H	HK 14,964	14.5	-9.1	3.8	-11.2	58.5	59.9	66.3	59.6	70.7	80.2	23.6	36.0	NA	NA	0.0	NA	-35.8	-33.	
	HK 14,957	85.8	53.2	27.7	42.2	9.1	9.7	14.5	15.9	50.7	57.7	36.3	42.5	2.0	3.3	3.7	NA	124.8	108	
YICHANG HEC CHANGJIANG PHA-H 1558 F	HK 14,555	40.4	110.2	19.2	123.8	45.6	42.8	48.8	47.5	81.6	83.9	26.5	34.2	3.6	7.3	NA	NA	-47.2	-37.	
BEIJING TONG REN TANG CHINES 3613	HK 12,958	12.6	19.5	15.1	21.8	41.3	40.5	47.8	47.0	73.8	72.2	23.4	22.6	NA	NA	NA	NA	-71.2	-71.	
THE UNITED LABORATORIES INTE 3933 I	HK 11,150	NA	-16.5	12.7	13.6	3.3	2.4	3.2	3.5	35.4	41.8	25.4	23.8	1.3	2.6	4.2	NA	82.1	76.	
SHANGHAI HAOHAI BIOLOGICAL-H 6826 I	HK 8,442	16.0	20.3	62.3	25.8	29.0	27.8	32.4	29.4	79.0	79.2	46.1	47.6	5.3	5.1	NA	NA	-54.5	-37.	
CHINA SHINEWAY PHARMACEUTICA 2877 I	HK 9,047	-33.8	40.4	-12.9	60.8	22.5	19.7	26.1	18.4	62.0	71.2	36.9	48.4	3.2	5.6	0.0	0.0	-60.9	-62.	
LIFETECH SCIENTIFIC CORP 1302 H	HK 8,109	62.3	-20.0	12.6	40.4	47.9	27.3	36.2	41.7	80.2	82.7	32.0	33.8	15.4	16.6	0.0	0.0	-40.7	-18.	
ASCLETIS PHARMA INC 1672 I	HK 8,259	NA	NA	NA	332.8	-65.7	29.6	NA	-20.5	NA	97.6	41.6	43.4	150.7	51.9	NA	0.0	NA	-74	
CONSUN PHARMACEUTICAL GROUP 1681 I	HK 5,732	27.1	18.5	70.3	13.0	24.0	25.2	31.8	32.8	75.7	75.0	40.8	38.7	1.4	1.2	0.5	1.7	-5.8	-30	
LEE'S PHARMACEUTICAL HLDGS 950 H	HK 4,032	3.0	0.6	5.6	19.6	26.3	22.2	32.0	25.7	67.2	66.6	37.0	32.1	7.8	11.2	NA	NA	-20.8	-19	
HANDONG XINHUA PHARMACEUT-H 719 H	HK 3,737	132.8	15.5	19.6	12.1	4.5	4.6	6.1	NA	26.5	NA	15.0	NA	4.1	NA	1.2	NA	53.3	NA	
SHANGHAI FUDAN-ZHANGJIANG-H 1349 I	HK 3,692	7.9	5.7	12.5	8.7	18.2	17.7	23.5	14.4	91.2	87.6	66.5	60.3	16.3	14.9	NA	NA	-42.8	-37	
ESSEX BIO-TECHNOLOGY LTD 1061 B	HK 3,528	24.4	28.3	20.2	28.3	17.6	17.6	22.1	21.6	81.7	81.8	60.6	60.2	0.8	1.0	1.1	0.6	-21.1	-29	
AWNRAYS PHARMACEUTICAL HOLD 2348 I	HK 3,030	13.3	11.6	3.6	14.6	34.4	33.4	40.4	41.7	65.3	62.9	19.5	18.5	4.2	5.4	0.0	0.0	-31.8	-33	

Source: Bloomberg, Company data, SWS Research

Increased financial burden on distributors

Hong Kong-listed pharmaceutical distributors are China's top-three players, with a combined market share of c.32% in 2017. The average growth of their pharmaceutical distribution business slightly accelerated from +9.7% YoY in 1H17 to +10.0% YoY in 1H18. Meanwhile, the average distribution revenue growth of the 14 A-share listed pharmaceutical distributors also moderated from +13.4% YoY in 1H17 to +5.3% YoY in 1H18.

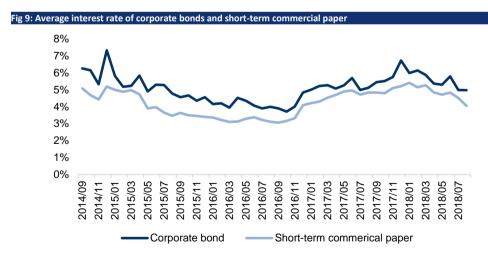




Source: National Bureau of Statistics, Company data, SWS Research

Most provinces have already implemented the "two-invoice scheme". We note large pharmaceutical distributors have experienced faster growth in direct sales to medical institutions, while facing a decline in sales to third-party distributors, leading to an increase in gross profit margin, but also extended receivable days. Public hospitals, which suffer from profitability erosion due to the "zero mark-up" policy, tend to ask distributors for longer payment terms.

As a result, listed distributors' balance sheet weakened in 1H18. The average net gearing ratio of Hong Kong-listed pharmaceutical distributors increased from 30.9% in 1H17 to 36.2% in 1H18, while the average financial expense ratio climbed from 0.9% in 1H17 to 1.1% in 1H18. Meanwhile, the average net gearing ratio of the 14 A-share listed pharmaceutical distributors increased from 30.6% in 1H17 to 44.8% in 1H18, while the average financial expense ratio climbed from 0.5% in 1H17 to 0.7% in 1H18. Moreover, we note the average interest rate of corporate bonds rose from 5.0% in July 2017 to 6.1% in February 2018, before falling back to 5.0% in August 2018.



Source: Wind, SWS Research



Name	Ticker	Market cap (HK\$m)	Revenue change of pharmaceutical distribution segment (%)		Operating profit margin of pharmaceutical distribution segment (%)		Net profit change (%)		Revenue change (%)		Net profit margin (%)		EBIT margin (%)		Gross profit margin (%)		SG&A ratio (%)		Financing expense ratio (%)		Net gearing ratio (%)	
			1H17	1H18	1H17	1H18	1H1 7	1H1 8	1H1 7	1H1 8	1H1 7	1H1 8	1H1 7	1H1 8	1H1 7	1H1 8	1H1 7	1H1 8	1H1 7	1H1 8	1H1 7	1H1 8
SINOPHARM GROUP	1099 HK	104,59 6	9.0	6.2	4.3	4.3	9.3	-3.1	9.4	7.1	2.0	1.8	4.0	4.3	7.9	8.7	3.7	4.2	0.8	1.1	48.6	46.1
CHINA RESOURCES PHARMACEUTICAL	3320 HK	77,174	10.2	10.2	4.5	5.3	10.7	24.3	9.4	13.3	2.2	2.4	5.9	6.2	15.1	18.0	8.8	11.3	1.2	1.4	28.3	28.1
HANGHAI PHARMACEUTICAL	2607 HK	61,169	9.8	13.5	2.7	2.8	11.1	5.6	10.1	15.3	2.9	2.7	3.3	4.3	12.3	14.1	7.9	8.9	0.6	0.8	15.9	34.2
Average			9.7	10.0	3.8	4.1	10.4	8.9	9.7	11.9	2.4	2.3	4.4	4.9	11.8	13.6	6.8	8.1	0.9	1.1	30.9	36.2

Source: Bloomberg, Company data, SWS Research

Name	Ticker	Market cap (Rmbm)	Revenue change of pharmaceutical distribution segment (%)		Gross profit margin of pharmaceutical distribution segment (%)		EBIT margin (%)		Gross profit margin (%)		SG&A ratio (%)		Financing expense ratio (%)		Net gearing ratio (%)		cha	profit ange %)
			1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18
HUADONG MEDICINE CO LTD-A	000963 CH	57,306	13.4	3.9	7.2	7.5	8.0	9.3	26.2	30.0	15.2	17.2	0.3	0.3	-2.8	-16.3	26.5	24.2
JOINTOWN PHARMACEUTICAL-A	600998 CH	27,733	21.1	17.1	NA	NA	3.6	3.4	7.9	7.9	4.5	4.7	1.0	0.9	87.7	76.6	155.7	-32.3
CHINA NATIONAL MEDICINES-A	600511 CH	19,365	5.6	6.6	7.0	9.2	4.5	5.1	6.8	9.0	2.2	3.7	0.5	0.5	-19.9	-23.2	10.8	14.8
CHINA MEHECO CO LTD -A	600056 CH	17,042	22.4	-7.2	6.7	8.7	6.0	7.1	13.1	22.2	5.1	13.0	0.2	0.3	-8.3	-1.1	30.3	26.4
REALCAN PHARMACEUTICAL CO -A	002589 CH	14,882	38.1	21.9	12.4	12.0	7.9	8.6	16.8	19.2	9.3	10.0	0.7	1.0	33.7	62.7	136.7	12.9
SHENZHEN NEPTUNUS BIOENG-A	000078 CH	10,137	43.5	NA	11.2	NA	6.4	5.9	12.7	12.3	6.2	6.8	1.2	1.7	85.0	127.5	135.3	38.7
GUANGXI LIUZHOU PHARMACEUT-A	603368 CH	7,474	24.4	1.6	9.3	8.2	5.4	5.7	9.1	10.0	3.2	3.5	0.2	0.4	-16.3	4.2	30.2	33.2
NANJING PHARMACEUTICAL CO-A	600713 CH	5,052	3.5	10.2	5.5	5.7	2.4	2.9	6.1	6.4	3.1	3.1	1.0	1.2	117.5	114.0	38.0	23.5
CACHET PHARMACEUTICAL CO-A	002462 CH	4,204	28.6	30.4	10.1	9.9	5.5	5.3	9.9	9.8	4.1	3.8	0.7	1.0	43.6	72.1	23.1	29.8
HPGC RENMINTONGTAI PHARMAC-A	600829 CH	4,106	-14.4	-14.5	NA	NA	4.1	4.8	10.9	12.4	6.1	6.8	0.2	0.2	39.7	44.8	10.8	-3.5
LUYAN PHARMA CO LTD-A	002788 CH	2,480	6.5	44.2	6.5	6.8	3.1	3.3	7.5	7.6	3.8	3.8	0.7	1.0	106.2	128.5	16.5	28.6
ZHEJIANG ZHENYUAN CO LTD-A	000705 CH	2,195	2.7	-5.9	12.5	5.5	2.9	2.5	15.3	19.1	10.6	15.3	0.1	0.0	-2.5	-1.7	65.2	0.2
SHANGHAI NO.1 PHARMACY CO-A	600833 CH	1,956	NA	NA	NA	NA	3.0	2.5	15.1	19.0	10.9	16.6	NA	NA	-33.9	NA	1.7	-13.6
ZHEJIANG HUATONG PHARMACEU-A	002758 CH	1,684	7.7	2.2	7.0	7.0	4.4	4.1	12.9	14.1	7.1	10.1	0.5	NA	27.5	19.1	17.1	-14.
	Median		13.4	5.3	7.2	7.9	4.4	5.0	11.8	12.3	5.6	6.8	0.5	0.7	30.6	44.8	28.3	19.2

Source: Wind, SWS Research

Medical services providers' earnings volatility

We note the six medical services providers listed on the Hong Kong Stock Exchange have different business models. China Resources Phoenix Healthcare (01515:HK – BUY) and Guangdong Kanghua Healthcare (03689:HK – N-R) focus on the operation of private-public general hospitals, while New Century Healthcare (01518:HK – N-R), Harmonicare Medical (01509:HK – N-R), and Wenzhou Kangning Hospital (02120:HK – N-R) mainly operate private specialised hospitals, and Rici Healthcare (01526:HK – N-R) mainly operates medical examination centres, private general hospitals, and high-end specialised hospitals.

China Resources Phoenix saw its net profit decline 38% YoY in 1H18, mainly due to one-off gains from its stake in UMP Healthcare (00722:HK – N-R) in 1H17. Excluding non-recurring items, the firm's core earnings increased 7% YoY in 1H18.

We note New Century Healthcare also recorded a net profit decline in 1H18 (-45.8% YoY), due to an increase in operating costs as newly established clinics in Beijing started operations in 2018. Meanwhile, Rici Healthcare and Harmonicare Medical also posted



substantial earnings decline in 1H18, due to rising operational costs amid expanding businesses.

On average, Hong Kong-listed health care services providers saw their revenue grow 18.3% YoY in 1H18 (vs +9.9% YoY in 1H17), while average net profit declined 41.8% YoY in 1H18 (vs +12.6% YoY in 1H17).

ig 12: Results summary of H	ong Kong-	listed med	dical serv	ices prov	viders in	1H18										
Name	Ticker	Market cap (HK\$m)		Net profit change (%)		Revenue change (%)		Net profit margin (%)		Gross profit margin (%)		SG&A ratio (%)		Financing expense ratio (%)		ring ratio %)
			1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18	1H17	1H18
CHINA RESOURCES MEDICAL HOLDI	1515 HK	9,258	149.3	-37.8	22.3	6.3	37.7	22.0	37.5	39.1	10.1	11.2	0.1	0.2	-21.8	-26.1
NEW CENTURY HEALTHCARE HOLDI	1518 HK	3,523	232.0	-45.8	7.4	11.8	19.7	9.6	48.8	41.9	17.8	22.8	1.5	-3.9	-52.6	-55.1
WENZHOU KANGNING HOSPITAL -H	2120 HK	3,177	12.4	32.4	47.2	27.8	11.4	11.8	32.5	36.3	14.2	15.0	3.7	1.5	-6.9	2.1
GUANGDONG KANGHUA HEALTHCA-H	3689 HK	2,993	12.7	18.9	8.0	16.3	11.3	11.6	25.3	22.8	9.2	10.9	0.0	0.0	-71.8	-58.3
RICI HEALTHCARE HOLDINGS LTD	1526 HK	2,722	-265.1	-72.1	11.8	25.3	-9.0	-12.4	31.1	18.9	40.3	43.0	2.7	3.4	-19.9	35.4
HARMONICARE MEDICAL HOLDINGS	1509 HK	1,737	-71.7	-321.6	-1.7	20.3	2.7	-5.0	44.9	43.1	41.6	46.9	0.0	0.0	-62.0	-16.8
Median			12.6	-41.8	9.9	18.3	11.3	10.6	35.0	37.7	16.0	18.9	0.8	0.1	-37.2	-21.5
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Source: Bloomberg, Company data, SWS Research

Downgrade to Equalweight

The MSCI China Healthcare Index decreased 4% YTD and currently trades at 24x one-year forward PE (close to its historical average), while the MSCI China Index lost 12% YTD and currently trades at 12x one-year forward PE (also close to its historical average). Given potential policy-driven price cuts for generics having passed consistency evaluation in 11 pilot areas, we downgrade our sector rating from Overweight to Equalweight.

Given restrictions on basic medical insurance expenditure, we forecast China's drug sales to expand at a Cagr of c.7% over the next three years. We believe Sino Biopharmaceutical (01177:HK – BUY), CSPC Pharmaceutical (01093:HK – BUY), and 3SBio (01530:HK – BUY) will be long-term winners, thanks to their strong R&D capability and the solid growth of their existing product portfolio.



Source: Bloomberg, SWS Research





Source: Bloomberg, SWS Research



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