

Bangkok Chain Hospital

(BCH.BK/BCH TB)*

Outperform · Maintained

Price as of 25 Aug 2020	15.50
12M target price (Bt/shr)	22.30
Unchanged/Revised up(down)(%)	Unchanged
Upside/downside (%)	43.9

Key messages

BCH จัด conference call หลังประกาศงบ 2Q63 เมื่อวานนี้ เราคิดว่าผลการดำเนินงานของ BCH ใน 2H63 จะดีขึ้น เนื่องจาก i) การผ่อนคลายมาตรการ lockdown ซึ่งจะส่งผลดีกับ WMC ii) กระแสรายได้จากการตรวจหาเชื้อ COVID-19 และ iii) มีอุปสงค์ pent-up demand ที่อื่นมาจากช่วง 1H63 เราปรับสมมติฐานปี 2563-64F เล็กน้อย ซึ่งไม่ได้ทำให้ประมาณการกำไรของเราเปลี่ยนไปอย่างมีนัยสำคัญ ดังนั้นเรายังคงคำแนะนำซื้อ และยังคงราคาเป้าหมาย DCF กลางปี 2564 ที่ 22.30 บาท

Trading data

Mkt cap (Btbn/US\$m)	39/1,227		
Outstanding shares (mn)	2,494		
Foreign ownership (mn)	315		
3M avg. daily trading (mn)	9		
52-week trading range (Bt)	10.6-17.6		
Performance (%)	3M	6M	12M
Absolute	6.9	12.3	(1.3)
Relative	9.3	19.1	21.7

Quarterly EPS

Bt	Q1	Q2	Q3	Q4
2017	0.07	0.07	0.12	0.11
2018	0.09	0.10	0.14	0.11
2019	0.10	0.10	0.16	0.10
2020	0.10	0.11		

Share price chart



Source: SET

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มีแนวโน้มดีขึ้น HoH

Event

ประชุมนักวิเคราะห์หลังประกาศงบ 2Q63

Impact

ประเด็นสำคัญจาก conference call เมื่อวานนี้

BCH จัด conference call หลังประกาศงบ 2Q63 ซึ่งมีกำไรสุทธิ 279 ล้านบาท (+14.3% YoY, +7.6% QoQ) แม้มีการระบาดของ COVID-19 ในประเทศไทย สำหรับประเด็นสำคัญที่น่าสนใจได้แก่

i) แนวโน้มผลการดำเนินงานแข็งแกร่งมากขึ้นใน 2H63 เรามองว่าลมน้อยลงกับกลุ่มผู้ป่วยที่ชำระเงินสดใน 3Q ถึง 4Q63 เนื่องจากผู้ป่วยที่ชำระเงินสดกลับมาใช้บริการ OPD ประมาณ 80-90% และ IPD ประมาณ 60-70% ดังนั้นเราจึงคิดว่าฐานผู้ป่วยที่ชำระเงินสดของ BCH จะเร่งตัวขึ้นใน 3Q63

ii) ได้อานิสงส์จาก COVID-19 นอกจากการให้บริการตรวจหาเชื้อ COVID-19 แล้ว BCH ยังเข้าร่วมใน ASQ และ AHQ ด้วย ซึ่งจะช่วยให้ได้ประโยชน์จากสถานการณ์โรคระบาดที่เกิดขึ้น โดยในปัจจุบัน BCH ทำการตรวจหาเชื้อ COVID-19 วันละ 800-900 ราย เราคิดว่าบริษัทจะได้รายได้เพิ่มขึ้นหลังจากทำรายได้ส่วนนี้ประมาณ 340 ล้านบาทใน 2Q63 (16% และ 8% ของรายได้รวมใน 2Q63 และ 6M63)

iii) โรงพยาบาลใหม่มีแนวโน้มเป็นบวก โดยในงวด 6M63 รายได้ของโรงพยาบาล KH รวมค่าแห่งเพิ่มขึ้นเป็น 286 ล้านบาท (+21.3% YoY และ 6.7% ของรายได้รวม) ส่วนโรงพยาบาลเกษมราษฎร์ อยุธยา ประเทศก็ออกมาดี โดยมีผลขาดทุนสุทธิแค่ 20 ล้านบาทเท่านั้น (เริ่มเปิดให้บริการในเดือนพฤษภาคม) ทั้งนี้ บริษัทคาดว่าโรงพยาบาลแห่งนี้จะคุ้มทุนในส่วน EBITDA ปลายปีนี้

คาดว่าผลประกอบการ 3Q63 จะแข็งแกร่งที่สุดในรอบปีนี้

ใน 3Q63 เริ่มมีผู้ป่วยต่างชาติเดินทางเข้ามาบริการรักษาในประเทศไทย หลังรัฐบาลผ่อนคลายมาตรการ lockdown เราคิดว่าผลการดำเนินงานของ BCH ใน 3Q63 จะได้แรงหนุนจาก i) การผ่อนคลายมาตรการ lockdown ซึ่งจะส่งผลดีกับ WMC ii) รายได้จากการตรวจหาเชื้อ COVID-19 และ iii) มีอุปสงค์ pent-up demand ที่อื่นมาจากช่วง 1H63 ส่วน 2H63 เรามองว่ากำไรของ BCH มีแนวโน้มจะเพิ่มขึ้น HoH เนื่องจาก i) รายได้เพิ่มขึ้นจาก SSO ii) ผลการดำเนินงานของ WMC ดีขึ้นต่อเนื่อง (จำนวนผู้ป่วยต่างชาติจะเพิ่มขึ้นจากประมาณ 30 รายกลับมาแล้ว) และ iii) ผลการดำเนินงานของโรงพยาบาล KH รวมค่าแห่ง

ลงประมาณการกำไรปี FY63-64 เบาลงกว่าเดิม

เราปรับสมมติฐานปี 2563-64F ดังนี้ i) ลดอัตราการเติบโตของรายได้ปี 2563 ลงจากเดิม 4.5% YoY และปีหน้าลง 2.8% YoY ii) เพิ่มอัตรากำไรขั้นต้นปีนี้เป็น 32.0% และปีหน้าเป็น 33.0% (จากเดิมที่ 31.6% และ 32.5%) และ iii) ลดสัดส่วน SG&A/ยอดขายเป็น 13.5% (จากเดิม 14.0%) ในปี 2563F ทำให้ค่าตัวกำไรสุทธิปี 2563F ที่ 1.19 พันล้านบาท (+5.5% YoY) และปี 2564F ที่ 1.36 พันล้านบาท (+13.5% YoY) สะท้อนภาวะเศรษฐกิจที่ชะลอตัวลง และจำนวนผู้ป่วยจากตะวันออกกลางที่ลดลงอย่างมากในปีนี้เป็นแล้ว

Valuation & Action

เรายังคงคำแนะนำซื้อ และให้ราคาเป้าหมาย DCF กลางปี 2564 ที่ 22.30 บาท

Risks

COVID-19 ระบาด ปัญหาเสถียรภาพทางการเมืองรอบใหม่ของไทย และเกิดเหตุก่อการร้ายครั้งใหญ่

Key financials and valuations

	Dec-17A	Dec-18A	Dec-19A	Dec-20F	Dec-21F
Revenue (Bt mn)	7,255	8,073	8,880	9,318	10,249
Gross profit (Bt mn)	2,378	2,679	2,828	2,982	3,382
EBIT (Bt mn)	1,526	1,659	1,715	1,854	2,091
Net profit (Bt mn)	917	1,089	1,135	1,197	1,359
EPS (Bt)	0.37	0.44	0.46	0.48	0.54
DPS (Bt)	0.12	0.12	0.11	0.12	0.14
EPS growth (%)	21.8	18.8	4.2	5.5	13.5
P/E (x)	42.2	35.5	34.1	32.3	28.5
P/B (x)	6.5	6.0	5.5	5.5	5.2
EV/EBITDA (x)	20.4	19.1	18.2	17.0	15.3
Net Debt to Equity (%)	58.0	61.8	65.9	65.8	61.5
Dividend Yield (%)	0.8	0.8	0.7	0.8	0.9
Return on Avg. Equity (%)	15.5	17.0	16.3	16.9	18.3

Source: Company data, KGI Research

*The Company may be issuer of Derivative Warrants on these securities.

Figure 1: BCH's 2Q20 earnings performance

Bt mn	2Q20	2Q19	YoY (%)	1Q20	QoQ (%)	1H20	1H19	YoY (%)
Sale revenue	2,083	2,137	(2.5)	2,178	(4.4)	4,261	4,215	1.1
Operating cost	(1,392)	(1,483)	(6.2)	(1,515)	(8.1)	(2,907)	(2,927)	(0.7)
Gross profit	691	654	5.7	663	4.2	1,354	1,288	5.1
SG&A	(280)	(306)	(8.5)	(293)	(4.6)	(573)	(594)	(3.5)
EBIT	432	378	14.2	389	10.8	821	752	9.1
Net profit	279	244	14.3	259	7.6	538	492	9.3
EPS (Bt)	0.11	0.10	14.3	0.10	7.6	0.22	0.20	9.3
Percent	2Q20	2Q19	YoY (ppts)	1Q20	QoQ (ppts)	1H20	1H19	YoY (ppts)
Gross margin	33.2	30.6	2.6	30.4	2.7	31.8	30.6	1.2
SG&A/Sales	13.4	14.3	(0.9)	13.5	(0.0)	13.5	14.1	(0.6)
Net profit margin	13.4	11.4	2.0	11.9	1.5	12.6	11.7	1.0
	2Q20	2Q19	YoY (%)	1Q20	QoQ (%)	1H20	1H19	YoY (%)
Kasemrad (Bt mn)	1,683	1,732	(2.9)	1,718	(2.1)	3,401	3,417	(0.5)
Karunvej (Bt mn)	116	129	(10.0)	135	(13.8)	251	255	(1.4)
WMC (Bt mn)	283	275	3.0	325	(12.7)	608	543	12.0
OPD (Bt mn)	850	746	13.9	644	31.9	1,493	1,282	16.5
IPD (Bt mn)	480	664	(27.7)	742	(35.3)	1,222	1,394	(12.3)
SS (Bt mn)	753	727	3.5	792	(4.9)	1,545	1,539	0.4
	2Q20	2Q19	YoY (ppts)	1Q20	QoQ (ppts)	1H20	1H19	YoY (ppts)
Kasemrad (%)	80.8	81.1	(0.3)	78.9	1.9	79.8	81.1	(1.2)
Karunvej (%)	5.6	6.1	(0.5)	6.2	(0.6)	5.9	6.1	(0.1)
WMC (%)	13.6	12.9	0.7	14.9	(1.3)	14.3	12.9	1.4
OPD (%)	40.8	34.9	5.9	29.6	11.2	35.1	30.4	4.6
IPD (%)	23.1	31.1	(8.0)	34.1	(11.0)	28.7	33.1	(4.4)
SS (%)	36.2	34.0	2.1	36.4	(0.2)	36.3	36.5	(0.3)

Source: Company data, KGI Research

Figure 2: Earnings revisions

	2020F		Change (%)	2021F		Change (%)
	Revised	Previous		Revised	Previous	
Revenue (Bt mn)	9,318	9,761	(4.5)	10,249	10,542	(2.8)
Gross profit (Bt mn)	2,982	3,085	(3.3)	3,382	3,426	(1.3)
Normalized profit (Bt mn)	1,197	1,197	(0.0)	1,359	1,364	(0.4)
Net profit (Bt mn)	1,197	1,197	(0.0)	1,359	1,364	(0.4)
EPS (Bt/share)	0.5	0.5	(0.0)	0.5	0.5	(0.4)
	Revised	Previous	Change	Revised	Previous	Change
Gross profit margin (%)	32.0	31.6	0.4	33.0	32.5	0.5
SG&A to sales (%)	13.5	14.0	(0.5)	14.0	14.0	0.0
Net profit margin (%)	12.8	12.3	0.6	13.3	12.9	0.3

Source: Company data, KGI Research

Figure 3: Increases in medical fees from 2020 by SSO

Type of scheme	Bt/head/year		Chg. (%)	Note
	July 1, 2017 - December 31, 2019	January 1, 2020 onwards		
Fixed payment	1,500	1,640	9.3	In line with registered patients
High Cost Care (RW>=2): IPD	640	746	16.6	SSO will have larger budget for the payment of Bt12,800/RW
26 Chronic Diseases: OPD	447	453	1.3	Flat change
Total	2,587	2,839	9.7	Average rates were driven by i) fixedcpayment and ii) HCC

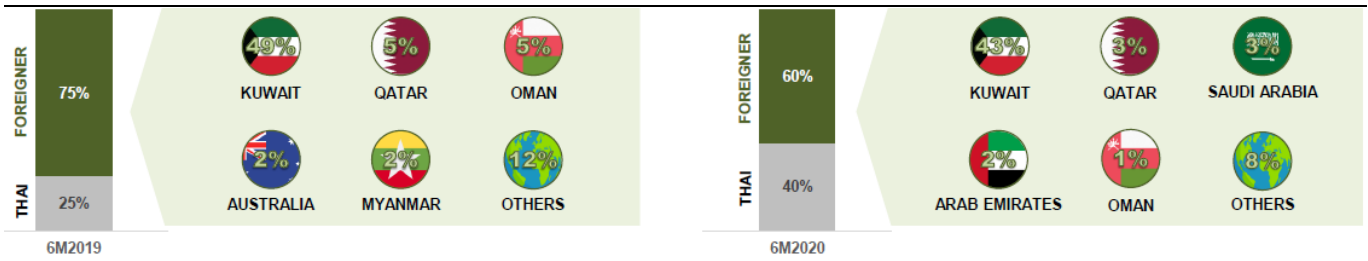
Source: SSO, KGI Research

Figure 4: WMC's revenue per bill

	2014	2015	2016	2017	2018	2019	6M19	6M20
Thai OPD (Bt)	2,500	2,635	2,720	2,950	2,900	2,950	2,780	4,240
Foreign OPD (Bt)	4,540	6,250	8,180	9,650	8,455	7,680	8,210	5,670
Thai IPD (Bt)	44,330	43,190	45,955	61,130	60,800	53,100	52,990	56,240
Foreign iPD (Bt)	180,980	180,360	218,640	261,300	815,900	1,192,000	1,070,130	2,227,730
IPD Length of stay - Thai (days)	2.2	2.2	2.2	2.2	2.1	2.5	2.3	2.8
IPD Length of stay - Foreign (days)	4.3	3.5	4.6	5.9	15.8	22.2	21.6	36.7
Thai IPD per day (Bt)	20,150	19,632	20,889	27,786	28,952	21,240	23,039	20,086
Foreign IPD per day (Bt)	42,088	51,531	47,530	44,288	51,639	53,694	49,543	60,701

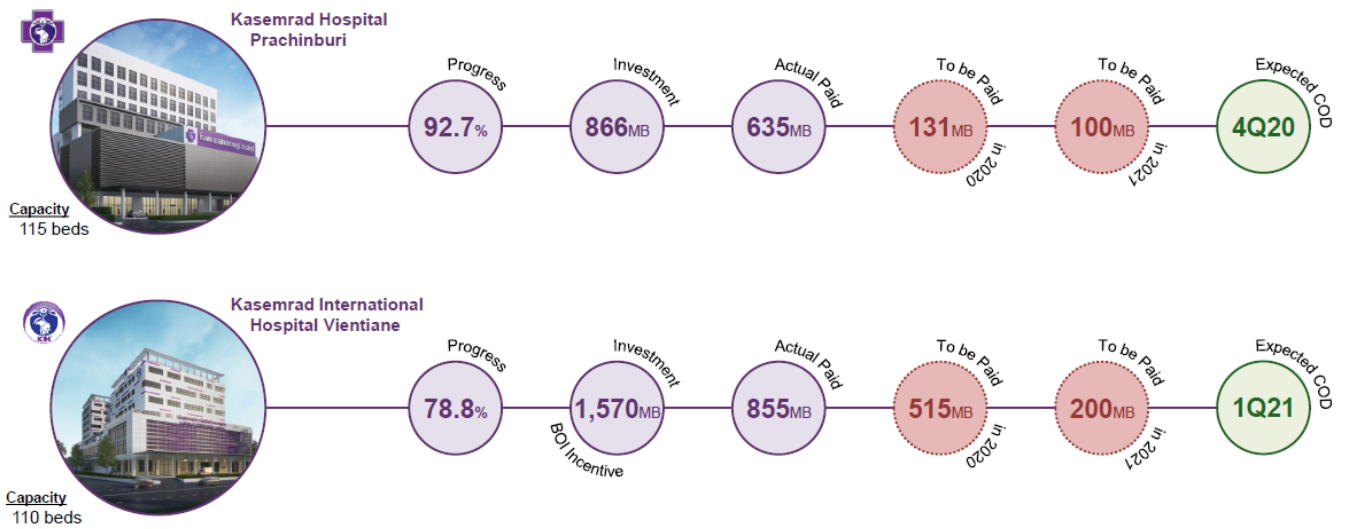
Source: Company data, KGI Research

Figure 5: WMC's revenue mixed by patients' nationality



Source: Company data

Figure 6: Projects in the pipeline



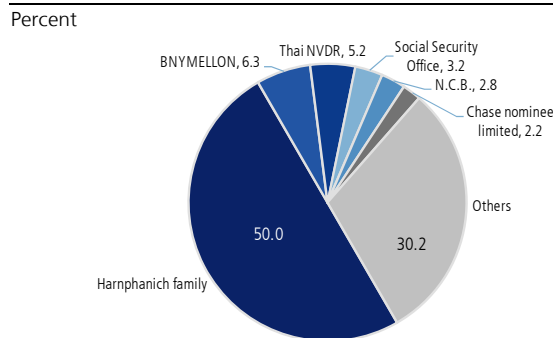
Source: Company data, KGI Research

Figure 7: Company profile

Bangkok Chain Hospital (BCH) was established in 1993 with initial capital of Bt150mn. In 2013, the company expanded with three additional hospitals including i) World Medical Hospital (WMH) on Chaengwattana Road, which focuses on the high-end market from both local and international patients with international standards and modern medical equipment, and ii) acquisition of two Navanakorn Hospitals in Pathumthani and Ayudhaya. Currently, the company operates 11 hospitals and two poly clinics within the network with 2,328 registered beds. The company serves all types of customers both in Bangkok and upcountry.

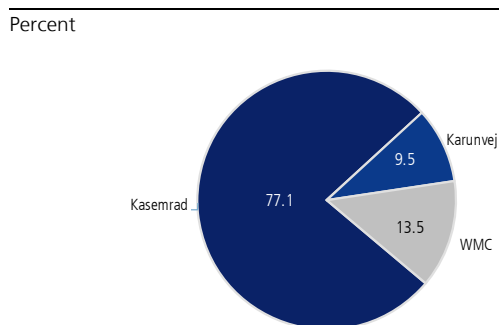
Source: Company data

Figure 8: Shareholding structure



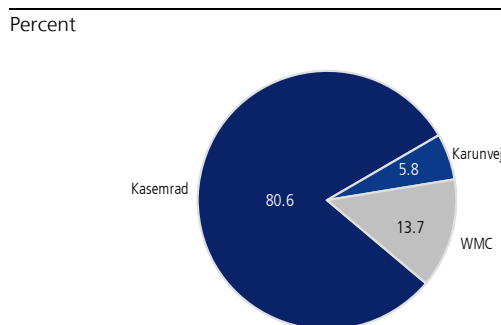
Source: Company data, KGI Research

Figure 9: Revenue contribution by brand in 2018



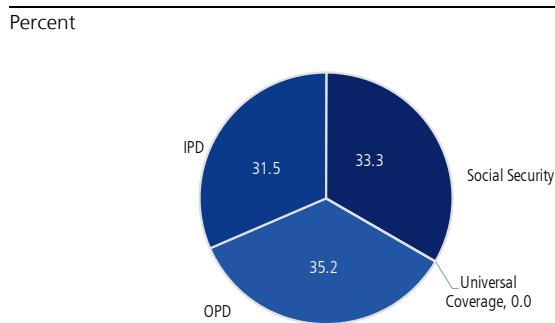
Source: Company data, KGI Research

Figure 10: Revenue contribution by brand in 2019



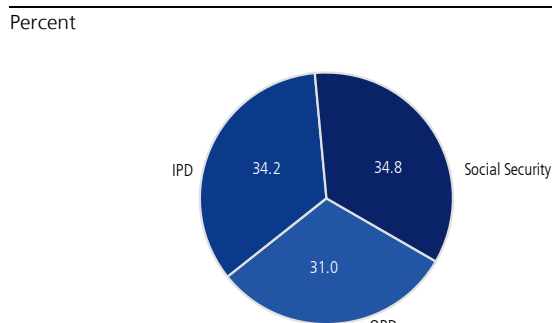
Source: Company data, KGI Research

Figure 11: Revenue contribution by patient type in 2018



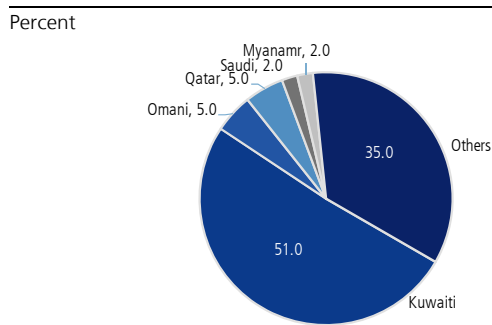
Source: Company data, KGI Research

Figure 12: Revenue contribution by patient type in 2019



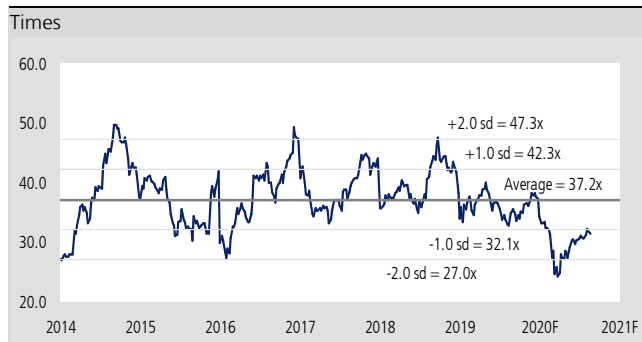
Source: Company data, KGI Research

Figure 13: WMC's 2019 revenue breakdown by nationality



Source: Company data, KGI Research

Figure 14: PE band



Source: Bloomberg, KGI Research

Quarterly Income Statement

	Mar-17A	Jun-17A	Sep-17A	Dec-17A	Mar-18A	Jun-18A	Sep-18A	Dec-18A	Mar-19A	Jun-19A	Sep-19A	Dec-19A	Mar-20A	Jun-20A
Income Statement (Bt mn)														
Revenue	1,622	1,676	2,004	1,953	1,822	1,918	2,228	2,105	2,078	2,137	2,469	2,196	2,178	2,083
Cost of Goods Sold	(1,154)	(1,140)	(1,299)	(1,283)	(1,250)	(1,277)	(1,432)	(1,435)	(1,444)	(1,483)	(1,590)	(1,535)	(1,515)	(1,392)
Gross Profit	468	536	704	670	573	641	796	670	635	654	879	661	663	691
Operating Expenses	(209)	(271)	(226)	(254)	(255)	(288)	(300)	(289)	(288)	(306)	(317)	(320)	(293)	(280)
Other incomes	26	27	16	38	22	27	27	35	28	30	32	28	20	21
Operating Profit	285	292	495	455	340	380	523	416	374	378	594	369	389	432
Non-Operating Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Non-op Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Operating Expenses	(39)	(28)	(34)	(35)	(33)	(30)	(31)	(32)	(32)	(34)	(35)	(29)	(30)	(32)
Interest Expense	(39)	(28)	(34)	(35)	(33)	(30)	(31)	(32)	(32)	(34)	(35)	(29)	(30)	(32)
Other Non-op Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Investment Income/(Loss)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pre-tax Profit	246	264	460	420	307	350	492	384	342	343	559	339	359	399
Current taxation	(40)	(51)	(95)	(85)	(53)	(62)	(88)	(82)	(59)	(65)	(101)	(62)	(63)	(75)
Minorities	(41)	(40)	(63)	(57)	(39)	(38)	(47)	(34)	(35)	(36)	(56)	(36)	(37)	(46)
Extraordinary items	-	(0)	-	0	-	0	-	(0)	-	1	-	(1)	-	1
Net Profit	165	172	303	278	215	250	357	268	248	244	402	241	259	279
EPS (Bt)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Margins (%)														
Gross profit margin	28.8	32.0	35.2	34.3	31.4	33.4	35.7	31.8	30.5	30.6	35.6	30.1	30.4	33.2
Operating margin	17.6	17.4	24.7	23.3	18.7	19.8	23.5	19.8	18.0	17.7	24.1	16.8	17.9	20.7
Net profit margin	10.2	10.3	15.1	14.2	11.8	13.0	16.0	12.8	11.9	11.4	16.3	11.0	11.9	13.4
Growth (%)														
Revenue growth	5.2	9.5	14.7	15.4	12.4	14.4	11.2	7.8	14.0	11.4	10.8	4.3	4.8	(2.5)
Operating growth	(3.4)	0.8	27.9	36.7	19.4	30.3	5.7	(8.5)	10.0	(0.5)	13.6	(11.4)	4.0	14.2
Net profit growth	5.8	10.0	24.4	40.3	30.2	45.3	17.8	(3.4)	15.6	(2.4)	12.8	(10.3)	4.4	14.3

Source: KGI Research

Balance Sheet

As of 31 Dec (Bt mn)	2017	2018	2019	2020F	2021F
Total Assets	12,674	12,627	14,116	14,448	15,129
Current Assets	3,364	2,549	2,967	3,064	3,504
Cash & ST Investments	486	646	792	888	1,122
Inventories	204	238	231	280	303
Accounts Receivable	1,091	1,564	1,853	1,805	1,985
Others	1,583	101	90	92	95
Non-current Assets	9,310	10,079	11,149	11,383	11,624
LT Investments	1,024	1,010	1,006	1,006	1,006
Net fixed Assets	7,887	8,665	9,944	10,170	10,402
Others	400	404	198	208	216
Total Liabilities	6,762	6,230	7,137	7,386	7,704
Current Liabilities	2,276	1,740	2,186	2,372	2,579
Accounts Payable	567	792	852	930	1,008
ST Borrowings	1,150	346	718	765	826
Others	559	602	615	677	745
Long-term Liabilities	4,486	4,489	4,952	5,014	5,125
Long-term Debts	4,344	4,354	4,759	4,855	4,952
Others	142	136	192	159	173
Shareholders' Equity	5,912	6,398	6,978	7,061	7,425
Common Stock	2,494	2,494	2,494	2,494	2,494
Capital Surplus	645	645	645	645	645
Retained Earnings	1,837	2,352	2,935	3,349	3,990
Others	936	908	905	574	297

Source: KGI Research

Key Ratios

Year to 31 Dec (Bt mn)	2017	2018	2019	2020F	2021F
Growth (% YoY)					
Sales	11.4	11.3	10.0	4.9	10.0
OP	17.0	8.7	3.4	8.1	12.8
EBITDA	13.5	8.3	6.5	7.3	10.6
NP	21.8	18.8	4.2	5.5	13.5
EPS	21.8	18.8	4.2	5.5	13.5
Profitability (%)					
Gross Margin	32.8	33.2	31.8	32.0	33.0
Operating Margin	21.0	20.5	19.3	19.9	20.4
EBITDA Margin	28.4	27.7	26.8	27.4	27.6
Net Profit Margin	12.6	13.5	12.8	12.8	13.3
ROAA	7.2	8.6	8.0	8.3	9.0
ROAE	15.5	17.0	16.3	16.9	18.3
Stability					
Gross Debt/Equity (%)	92.9	73.5	78.5	79.6	77.8
Net Debt/Equity (%)	58.0	61.8	65.9	65.8	61.5
Interest Coverage (x)	8.0	11.2	13.2	13.1	13.8
Interest & ST Debt Coverage (x)	1.2	3.5	2.0	2.1	2.2
Cash Flow Interest Coverage (x)	13.3	12.9	14.6	14.9	16.0
Cash Flow/Interest & ST Debt (x)	1.4	3.4	2.2	2.2	2.3
Current Ratio (x)	1.5	1.5	1.4	1.3	1.4
Quick Ratio (x)	1.4	1.3	1.3	1.2	1.2
Net Debt (Bt mn)	5,151	4,190	4,877	4,891	4,829
Per Share Data (Bt)					
EPS	0.4	0.4	0.5	0.5	0.5
CFPS	0.2	0.3	0.3	0.4	0.4
BVPS	2.4	2.6	2.8	2.8	3.0
SPS	2.9	3.2	3.6	3.7	4.1
EBITDA/Share	0.8	0.9	1.0	1.0	1.1
DPS	0.1	0.1	0.1	0.1	0.1
Activity					
Asset Turnover (x)	0.6	0.6	0.7	0.7	0.7
Days Receivables	54.9	70.7	76.2	70.7	70.7
Days Inventory	10.3	10.8	9.5	11.0	10.8
Days Payable	42.5	53.6	51.4	53.6	53.6
Cash Cycle	22.7	27.9	34.3	28.1	27.9

Source: KGI Research

Profit & Loss

Year to 31 Dec (Bt mn)	2017	2018	2019	2020F	2021F
Sales	7,255	8,073	8,880	9,318	10,249
Cost of Goods Sold	(4,877)	(5,394)	(6,052)	(6,336)	(6,867)
Gross Profit	2,378	2,679	2,828	2,982	3,382
Operating Expenses	(852)	(1,020)	(1,114)	(1,127)	(1,291)
Operating Profit	1,526	1,659	1,715	1,854	2,091
Net Interest	(136)	(126)	(131)	(135)	(139)
Interest Income	0	0	0	0	0
Interest Expense	(136)	(126)	(131)	(135)	(139)
Net Investment Income/(Loss)	0	0	0	0	0
Net other Non-op. Income/(Loss)	108	112	118	130	143
Net Extraordinaries	(202)	(159)	(163)	(179)	(203)
Pretax Income	1,390	1,533	1,584	1,720	1,952
Income Taxes	(271)	(285)	(286)	(344)	(390)
Net Profit	917	1,089	1,135	1,197	1,359
EBITDA	2,064	2,235	2,379	2,552	2,824
EPS (Bt)	0.37	0.44	0.46	0.48	0.54

Source: KGI Research

Cash Flow

Year to 31 Dec (Bt mn)	2017	2018	2019	2020F	2021F
Operating Cash Flow	1,814	1,618	1,902	2,013	2,225
Net Profit	917	1,089	1,135	1,197	1,359
Depreciation & Amortization	538	576	665	698	733
Change in Working Capital	(1,354)	1,243	(198)	(198)	(198)
Others	1,712	(1,291)	301	316	332
Investment Cash Flow	(2,483)	241	(1,729)	(1,242)	(1,288)
Net CAPEX	(1,090)	(1,232)	(1,741)	(1,794)	(1,848)
Change in LT Investment	(0)	(0)	(0)	(0)	(0)
Change in Other Assets	(1,393)	1,473	12	552	559
Free Cash Flow	(669)	1,859	173	771	937
Financing Cash Flow	642	(1,699)	(27)	(676)	(703)
Change in Share Capital	0	0	0	0	0
Net Change in Debt	(516)	(990)	289	5	15
Change in Other LT Liab.	1,158	(709)	(315)	(681)	(718)
Net Cash Flow	(27)	160	147	95	234

Source: KGI Research

Rates of Return on Invested Capital

Year	1 - $\frac{\text{COGS}}{\text{Revenue}}$	+ $\frac{\text{Depreciation}}{\text{Revenue}}$	+ $\frac{\text{Operating Exp.}}{\text{Revenue}}$	= $\frac{\text{Operating Margin}}{\text{Revenue}}$			
2017	67.2%	7.4%	13.2%	12.1%			
2018	66.8%	7.1%	14.0%	12.0%			
2019	68.2%	7.5%	13.9%	10.5%			
2020F	68.0%	7.5%	13.5%	11.0%			
2021F	67.0%	7.2%	14.0%	11.8%			
Year	1/ $\frac{\text{Working Capital}}{\text{Revenue}}$	+ $\frac{\text{Net PPE}}{\text{Revenue}}$	+ $\frac{\text{Other Assets}}{\text{Revenue}}$	= $\frac{\text{Capital Turnover}}{\text{Revenue}}$			
2017	0.17	1.07	1.75	0.34			
2018	0.21	1.06	1.56	0.35			
2019	0.23	1.08	1.59	0.34			
2020F	0.22	1.05	1.55	0.35			
2021F	0.23	0.98	1.48	0.37			
Year	Operating Margin	x	Capital Turnover	x	Cash Tax Rate	=	After-tax Return on Inv. Capital
2017	12.1%		0.3		80.5%		3.3%
2018	12.0%		0.4		81.4%		3.5%
2019	10.5%		0.3		81.9%		3.0%
2020F	11.0%		0.4		80.0%		3.1%
2021F	11.8%		0.4		80.0%		3.5%

Source: KGI Research

Bangkok Chain Hospital – Recommendation & target price history



Source: KGI Research

Corporate Governance Report of Thai Listed Companies



Companies with Excellent CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
ADVANC	ADVANCED INFO SERVICE	HMPRO	HOME PRODUCT CENTER	QH	QUALITY HOUSES
ANAN	ANANDA DEVELOPMENT	INTUCH	SHIN CORPORATION	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
AOT	AIRPORTS OF THAILAND	IRPC	IRPC	ROBINS	ROBINSON DEPARTMENT STORE
AP	ASIAN PROPERTY DEVELOPMENT	IVL	INDORAMA VENTURES	SAMART	SAMART CORPORATION
BANPU	BANPU	KBANK	KASIKORN BANK	SAMTEL	SAMART TELCOMS
BCP	THE BANGCHAK PETROLEUM	KCE	KCE ELECTRONICS	SCB	THE SIAM COMMERCIAL BANK
BTS	BTS GROUP HOLDINGS	KKP	KIATNAKIN BANK	SCC	THE SIAM CEMENT
CK	CH. KARNCHANG	KTB	KRUNG THAI BANK	SCCC	SIAM CITY CEMENT
CPF	CHAROEN POKPHAND FOODS	KTC	KRUNGTHAI CARD	SPALI	SUPALAI
CPN	CENTRAL PATTANA	LPN	L.P.N. DEVELOPMENT	SPRC	STAR PETROLEUM REFINING
DELTA	DELTA ELECTRONICS (THAILAND)	MINT	MINOR INTERNATIONAL	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
DTAC	TOTAL ACCESS COMMUNICATION	MONO	MONO TECHNOLOGY	SVI	SVI
EASTW	EASTERN WATER RESOURCES DEVELOPMENT AND MANAGE	PLANB	PLAN B MEDIA	TCAP	THANACHART CAPITAL
EGCO	ELECTRICITY GENERATING	PSH	PRUKSA HOLDING	THCOM	THAICOM
GFPT	GFPT	PTT	PTT	TISCO	TISCO FINANCIAL GROUP
GPSC	GLOBAL POWER SYNERGY	PTTEP	PTT EXPLORATION AND PRODUCTION	TMB	TMB BANK
GUNKUL	GUNKUL ENGINEERING	PTTGC	PTT GLOBAL CHEMICAL	TOP	THAI OIL
HANA	HANA MICROELECTRONICS	PYLON	PYLON	TRUE	TRUE CORPORATION



Companies with Very Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	ERW	THE ERAWAN GROUP	SAWAD	SRISAWAD POWER 1979
AMATA	AMATA CORPORATION	GLOBAL	SIAM GLOBAL HOUSE	SCI	SCI ELECTRIC
BBL	BANGKOK BANK	GLOW	GLOW ENERGY	SCN	SCAN INTER
BCPG	BCPG	LH	LAND AND HOUSES	SEAFKO	SEAFKO
BDMS	BANGKOK DUSIT MEDICAL SERVICES	MAJOR	MAJOR CINEPLEX GROUP	SIRI	SANSIRI
BEM	BANGKOK EXPRESSWAY AND METRO	MAKRO	SIAM MAKRO	SMT	STARS MICROELECTRONICS (THAILAND)
CENTEL	CENTRAL PLAZA HOTEL	MALEE	MALEE SAMPRAN	TASCO	TIPCO ASPHALT
CHG	CHULARAT HOSPITAL	MTLS	MUANGTHAI LEASING	TKN	TAOKAENOI FOOD & MARKETING
CKP	CK POWER	NOK	NOK AIRLINES	TVO	THAI VEGETABLE OIL
DCC	DYNASTY CERAMIC	RS	RS	TWPC	THAI WAH



Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AMA	AMA MARINE	BPP	BANPU POWER	SQ	SAHAKOL EQUIPMENT
BA	BANGKOK AIRWAYS	CBG	CARABAO GROUP	TPCH	TPC POWER HOLDING
BCH	BANGKOK CHAIN HOSPITAL	LPH	LADPRAO GENERAL HOSPITAL		
BH	BUMRUNGRAD HOSPITAL	SAPPE	SAPPE		

Companies classified Not in the three highest score groups

Stock	Company name	Stock	Company name	Stock	Company name
BGRIM	B. GRIMM POWER	TOA	TOA PAINT (THAILAND)	WHAUP	WHA UTILITIES AND POWER
CPALL	CP ALL	UNIQ	UNIQUE ENGINEERING AND CONSTRUCTION	WORK	WORKPOINT ENTERTAINMENT
THAI	THAI AIRWAYS INTERNATIONAL	WHA	WHA CORPORATION		

Source: www.thai-iod.com

Disclaimer: The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of such survey result.

Anti-corruption Progress Indicator

Level 5: Extended

Stock	Company name	Stock	Company name	Stock	Company name
CPN	CENTRAL PATTANA	SCC	THE SIAM CEMENT		

Level 4: Certified

Stock	Company name	Stock	Company name	Stock	Company name
ADVANC	ADVANCED INFO SERVICE	IFEC	INTER FAR EAST ENGINEERING	SVI	SVI
BBL	BANGKOK BANK	KBANK	KASIKORN BANK	TCAP	THANACHART CAPITAL
DCC	DYNASTY CERAMIC	KKP	KIATNAKIN BANK	TISCO	TISCO FINANCIAL GROUP
DRT	DIAMOND ROOFING TILES	KTB	KRUNG THAI BANK	TMB	TMB BANK
EGCO	ELECTRICITY GENERATING	MINT	MINOR INTERNATIONAL		
ERW	THE ERAWAN GROUP	SCB	THE SIAM COMMERCIAL BANK		

Level 3: Established

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	DTAC	TOTAL ACCESS COMMUNICATION	PACE	PACE DEVELOPMENT CORPORATION
ANAN	ANANDA DEVELOPMENT	GFPT	GFPT	PS	PRUKSA REAL ESTATE
AP	ASIAN PROPERTY DEVELOPMENT	GL	GROUP LEASE	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
BA	BANGKOK AIRWAYS	GLOW	GLOW ENERGY	ROBINS	ROBINSON DEPARTMENT STORE
BDMS	BANGKOK DUSIT MEDICAL SERVICES	GPSC	GLOBAL POWER SYNERGY	SAMART	SAMART CORPORATION
BIGC	BIG C SUPERCENTER	HMPRO	HOME PRODUCT CENTER	SPALI	SUPALAI
BJCHI	BJC HEAVY INDUSTRIES	KTC	KRUNGTHAI CARD	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
CENDEL	CENTRAL PLAZA HOTEL	LPN	L.P.N. DEVELOPMENT	TASCO	TIPCO ASPHALT
CHG	CHULARAT HOSPITAL	MAKRO	SIAM MAKRO	TMT	THAI METAL TRADE
CK	CH. KARNCHANG	MODERN	MODERNFORM GROUP	TPCH	TPC POWER HOLDING
CKP	CK POWER	NOK	NOK AIRLINES	WHA	NOK AIRLINES

Level 2: Declared

Stock	Company name	Stock	Company name	Stock	Company name
AOT	AIRPORTS OF THAILAND	GUNKUL	GUNKUL ENGINEERING	QH	QUALITY HOUSES
BH	BUMRUNGRAD HOSPITAL	ILINK	INTERLINK COMMUNICATION	TRT	TIRATHAI
GLOBAL	SIAM GLOBAL HOUSE	MTLS	MUANGTHAI LEASING	TVO	THAI VEGETABLE OIL

Level 1: Committed

Stock	Company name	Stock	Company name	Stock	Company name
CBG	CARABAO GROUP	RS	RS	SAWAD	SRIAWAD POWER 1979
MAJOR	MAJOR CINEPLEX GROUP				

No progress

Stock	Company name	Stock	Company name	Stock	Company name
BCH	BANGKOK CHAIN HOSPITAL	CPALL	CP ALL	WORK	WORKPOINT ENTERTAINMENT
BEM	BANGKOK EXPRESSWAY AND METRO	LPH	LADPRAO GENERAL HOSPITAL		

Source: www.cgthailand.org

Disclaimer: The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by the relevant institution as disclosed by the Office of the Securities and Exchange Commission, is made in order to comply with the policy and sustainable development plan for the listed companies. The relevant institution made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of the assessment result.

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Rating	Definition
Outperform (OP)	The stock's excess return over the next twelve months is ranked in the top 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Neutral (N)	The stock's excess return over the next twelve months is ranked in the range between the top 40% and the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan)
Under perform (U)	The stock's excess return over the next twelve months is ranked in the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Not Rated (NR)	The stock is not rated by KGI.
Restricted (R)	KGI policy and/or applicable law regulations preclude certain types of communications, including an investment recommendation, during the course of KGI's engagement in an investment banking transaction and in certain other circumstances. <i>Excess return = 12M target price/current price-</i>
Note	When an analyst publishes a new report on a covered stock, we rank the stock's excess return with those of other stocks in KGI's coverage universe in the related market. We will assign a rating based on its ranking. If an analyst does not publish a new report on a covered stock, its rating will not be changed automatically.

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