

# **2020 Interim Results**

27 August 2020





This document is for information purposes only and does not constitute or form part of any offer or invitation to sell or the solicitation of an offer or invitation to purchase or subscribe for any securities of MicroPort Scientific Corporation, and no part of it shall form the basis of, or be relied upon in connection with, any agreement, arrangement, contract, commitment or investment decision in relation thereto whatsoever.

# FORWARD-LOOKING STATEMENTS

Some information contained in this presentation contains forward-looking statements. These forward-looking statements include, without limitation, those regarding our future financial position, our strategy, plans, objectives, goals and targets, future developments in the markets where we participate or are seeking to participate, and any statements preceded by, followed by or that include the words "believe", "intend", "expect", anticipate", "project", "estimate", "predict", "is confident", "has confidence" and similar expressions are also intended to identify forward-looking statements. Such statements are based upon the current beliefs and expectations of MicroPort's management and are subject to significant risks and uncertainties. MicroPort Scientific Corporation undertakes no obligation to update any of the statements. These forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties and other factors that could cause actual future results to differ materially from current expectations include, but are not limited to, general industry and economic conditions, PRC governmental policies and regulations relating to the medical device manufacturing industry, competition in the medical device manufacturing industry, our ability to develop new products and stay abreast of market trends and technological advances, our goals and strategies, our ability to execute strategic acquisitions of, investments in or alliances with other companies and businesses, fluctuations in general economic and business conditions in China and other countries that MicroPort operates in.

# CONFIDENTIALITY

This presentation is confidential and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, in whole or in part, for any purpose.





# **Interim Result Highlights**

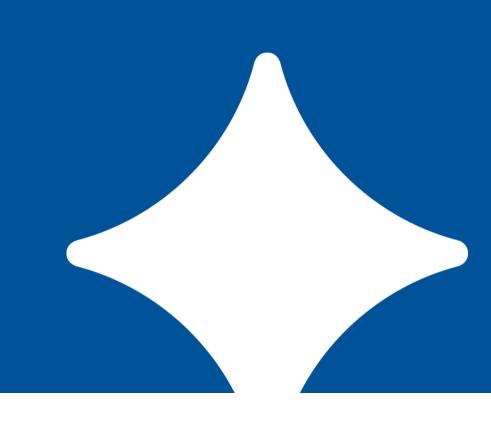


**Financial Review** 



**Business Review** 

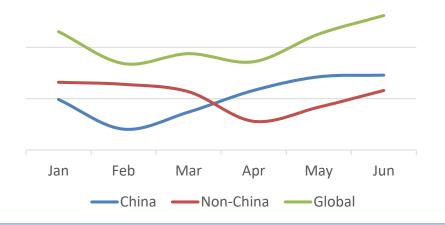




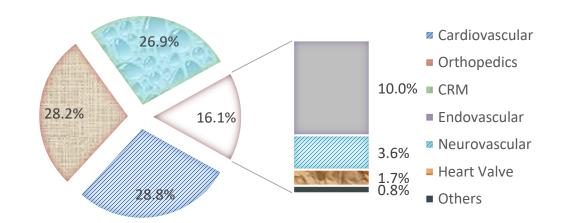


# **Financial Highlights**

# **Revenue Trend by Month**



# **Revenue Breakdown by Segment**



#### Revenue: \$ 306.9 m, -19.7% YOY

Elective surgeries postponed due to COVID-19 pandemic

#### Group global revenue recovered since May

#### **Revenue trend in China :**

• Revenue hit in Feb and began to recover in Mar in China thanks to effective control of COVID-19 pandemic nationwide

## **Revenue trend Non-China:**

- Japan & other Asian countries: revenue bottomed out in April and recovered better than expected in Q2 thanks to effective control of COVID-19
- US & EMEA: strong sales in Jan & Feb, bottomed out in April and began to recover in late Q2

GP Margin of 70.9% , slightly decreased by 80 bps, mainly due to

Slightly increase in unit production cost caused by COVID-19

#### Loss attributable to equity shareholders

• 2020 1H: \$ -65.6m, -200.1% YOY

#### One-time G/L from non-operation items

- Lack of one-time investment gain of USD 55.8 million (net of tax) on partial disposal of equity interests in electrophysiology business for the same period of last year
- Incentive shares granted to certain employees pursuant to the Share Award Scheme of the Group during the reporting period

\*Revenue Growth Rate and Historic Revenue Numbers Adjusted to Exclude Foreign Exchange Impact



# Highlights

## Progress in Financing of USD 580 million promotes sustainable development

- MPSC: Placing of 65,958,000 new shares on 2 July , net proceeds HK\$1,541 million
- Heart Valve: USD 130 million, post-money valuation USD 1.2 billion
- CRM: USD 105 million , post-money valuation USD 401.4 million
- Orthopedics: RMB 580 million, post-money valuation RMB 3.9 billion
- Electrophysiological: RMB 300 million on 5 August, post-money valuation RMB 4,800 million
- Assisted reproductive technology: RMB 130 million on 22 July, post-money valuation RMB 430 million

## **Progress in Strategic Investment**

#### **Cardiovascular:**

• Strategic collaboration on development of Chinese-made digital subtraction angiography system with Siemens Healthineers

## **Surgical Robot:**

- Led a strategic investment of up to €40 million in Robocath and planned to form a China-based JV company to commercialize cardiovascular robotics platform in the China market
- Led a strategic investment of SGD 8 million in NDR and planned to form a JV to develop & market NDR's Automated Needle Targeting (ANT) robotics system in China

# Sufficient Cash Flow:

- To further enhance healthy financial statements
- To support R&D investment
- To fuel the sustainable development of all business segments

# - New Catalysts for future growth

# **4** Class III medical devices obtained approval by National Medical Products Administration ("NMPA"), including:

- Cardiovascular: Fireking Fisher <sup>™</sup> in July
- China Orthopedics: Goral<sup>™</sup> Total Hip Arthroplasty System and MinInvasive's OmniCuff<sup>™</sup> shoulder rotator cuff repair device in July
- Endovascular: Reewarm<sup>™</sup> PTX Drug Coated Balloon PTA Catheter

# **2** Class III medical devices entered NMPA Green Path (Cumulatively, 20 MicroPort products have entered the NMPA Green Path)

- Honghu Orthopedic Surgical Robot
- Tigertriever™ Revascularization Device

## Products obtained registration approvals in overseas markets:

- **Cardiovascular**: DES products obtained 4 approvals in 4 countries or regions; Balloon products obtained approval in 6 countries or regions
- Orthopedics: GLADIATOR<sup>™</sup> Cementless monolithic femoral hip stem obtained FDA approval; EVOLUTION<sup>®</sup> NitrX<sup>®</sup> Knee, PROCOTYL<sup>®</sup> P acetabular cup system and Femoral heads of PROFEMUR<sup>™</sup> TL2 femoral stem obtained CE mark
- Endovascular: Hercules<sup>™</sup> Low Profile Thoracic Stent-Graft System obtained CE mark
- Heart valve: VitaFlow<sup>™</sup> received approval in July 2020 in Argentina
- EP: PathBuilder<sup>™</sup> Steerable Introducer, PathBuilder<sup>™</sup> Transseptal Guiding Introducer and PathBuilder<sup>™</sup> Transseptal Needle obtained CE mark





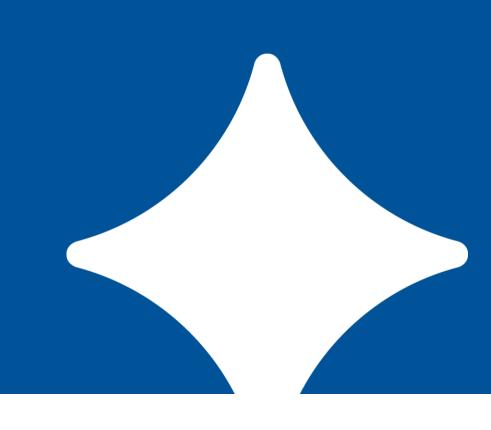


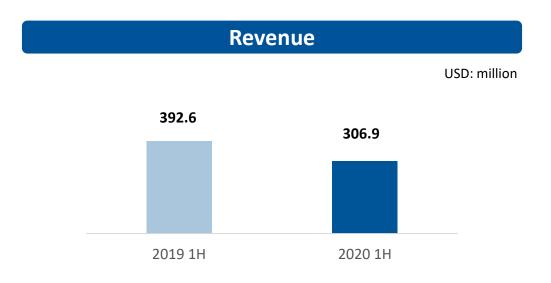
**Financial Review** 



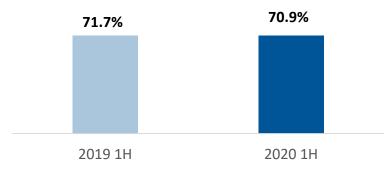
**Business Review** 



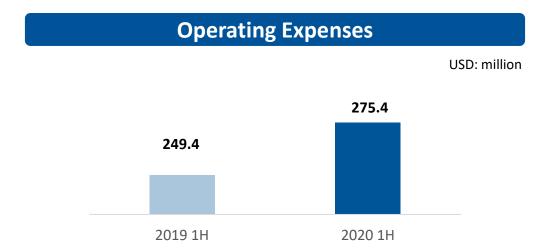




# **Gross Profit Margin**

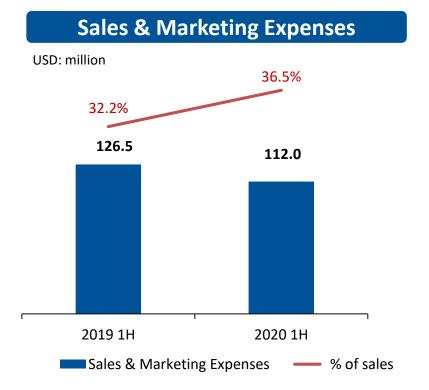


# Net Profit/(Loss) attributable to equity shareholders USD: million -65.6 2019 1H 2020 1H

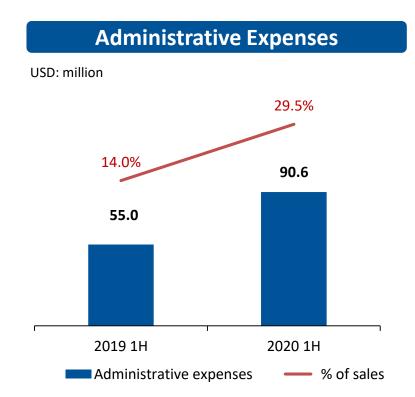


# **Operating Expenses**

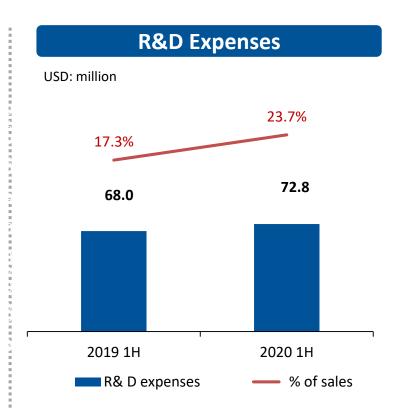




- Sales & Marketing expenses decreased by 14.5m, 11.5% YOY ↓
  - Decrease in marketing activities and sales commission due to the impact of COVID-19



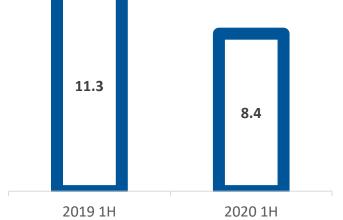
- Administrative expenses increased by 35.6m, 64.8% YOY个
  - The impact of the incentive shares granted to certain employees



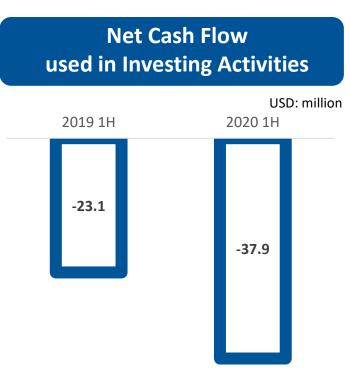
- Research & Development expenses increased by 4.8m, 7.1% YOY↑
  - Increased investments in R&D projects

# **Cash Flow**

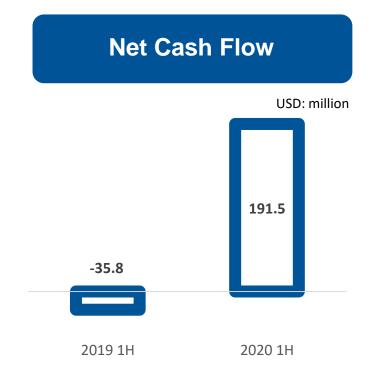
Net Cash Flow from Operating Activities USD: million



- Net Operating Cash flow decreased by 2.8m
  - Decrease in sales due to the impact of COVID-19 offset by favorable working capital movement



- Net Investing Cash outflow increased by 14.8m
  - Lack of proceeds from partial disposal of Microport EP in 2019 1H



- □ Net Cash flow increased by 227.4m
  - Equity financing of Heart Valve and Orthopedics devices business





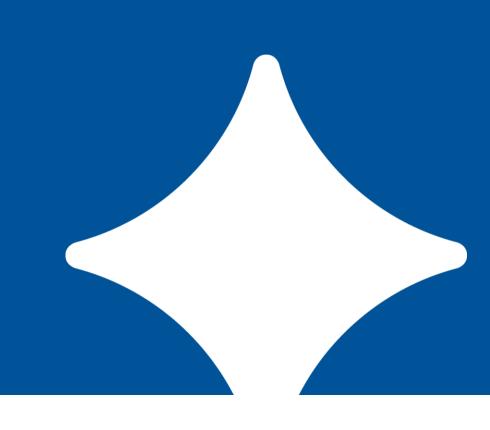


**Financial Review** 

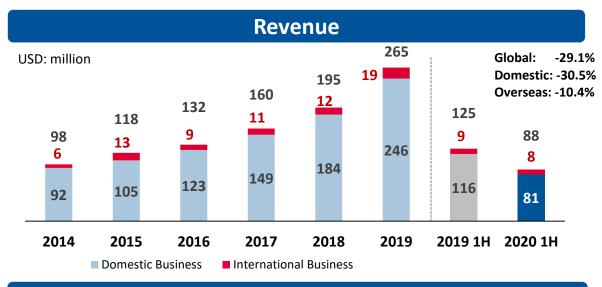


**Business Review** 









# **Highlights on Sales**

#### Segment global revenue: \$ 88.4 m, -29.1% YOY

#### DES domestic revenue: \$ 73.4 m, -31.9% YOY

- Revenue bottomed out in Feb and recovered in Mar, demonstrating MOM growth since March
- Maintained market leading position in China
- Covered over 2,200 hospitals and newly covered 117 county hospitals , Firehawk<sup>™</sup> newly penetrated 109 hospitals; Firebird2<sup>™</sup> newly penetrated 90 hospitals
- Promoted sales and gained more market share after centralized bidding of Firehawk<sup>™</sup> and Firebird<sup>™</sup> in Jiangsu and Shanxi provinces
- Newly launched FireCondor<sup>™</sup> widely appraised since launched in 2019 and covered hospitals in Jiangsu and Shanghai, further upgraded and diversified product portfolio
- Feiyan project: covered 664 county-level hospitals, collaboration with Siemens Healthineers

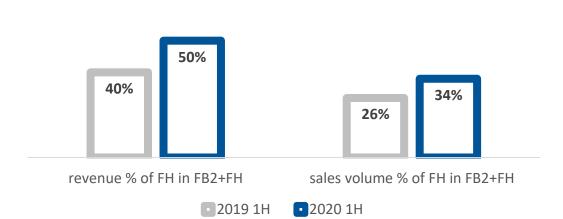
#### DES overseas revenue: \$ 6.5 m, -12.0% YOY

- Overall revenue from Firebird2<sup>™</sup> maintained steady growth
- Sales in 30 countries or regions, registration newly obtained in 4 countries or regions
- Expanded sales in Asian-Pacific region such as South Korea and Thailand

#### Balloon global revenue: \$ 4.8 m, -0.2% YOY

- Firefighter<sup>™</sup> widely appraised worldwide and newly penetrated 38 hospitals in China
- Covered over 700 hospitals in China, newly covered 110 hospitals, approved for launch in 17 countries or regions

# Percentage of Firehawk in Domestic DES Sales



# **Highlights on Products**

## DES products: 4 stents in sales portfolio and 5 stents in the pipeline

- Firehawk Liberty<sup>™</sup> newly obtained approval in two countries
- Firehawk<sup>™</sup> newly obtained approval in two countries
- **Firehawk™** 's three-year follow-up data online published in EuroIntervention for TARGET All Comers ("TARGET AC") clinical trial and two-year data for Dual-Antiplatelet Therapy ("DAPT") proved that Firehawk™ can achieve identical clinical efficacy and safety with the first-in-class drug eluting stent with proven large body of medical evidence in the world. The over one-year target lesion revascularization failure ("TLF") rates were lower and similar in both groups ,and the very late stent thrombosis rates in this real-world population study were lower in Firehawk™ group. Two-year data for the DAPT subgroup of TARGET AC study showed that the TLF rate in the DAPT interrupted treatment subgroup in the Firehawk™ stent group showed a lower trend than the control group.
- Firesorb<sup>™</sup> completed the preparation including IRB approval for subject enrollment for Future-III
- Firekingfisher <sup>™</sup> obtained NMPA approval in July 2020

## Balloon Products: 4 balloon catheters being sold and 4 balloons under R&D

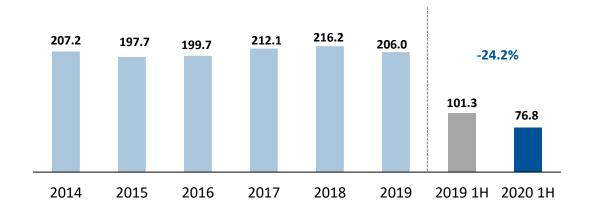
- Newly obtained approval in 6 countries or regions
- Paclitaxel drug-coated balloon and rapamycin drug-coated balloon are in the pipeline

# **Orthopedics Business (Non-China Business)**



# 2020 1H Revenue





# **Non-China Business Highlights**

#### Revenue: \$ 76.8 m, -24.2% YOY

- Strong sales in Jan & Feb in nearly all regions
- Sales hit since March as elective procedures were postponed in most overseas markets
- Signs of recovery in May , highly variable by region
- Sales in North America showed YOY growth in June

# Extensive Product Pipeline

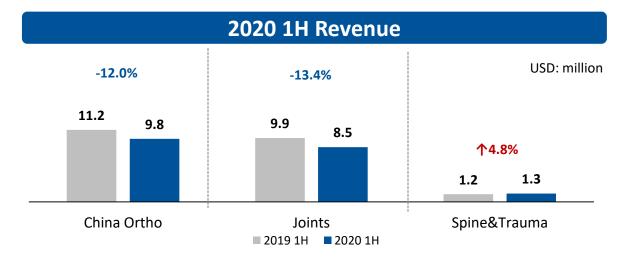
	Clinical trial	Registration	Approval
EVOLUTION™ NitrX Knee system	<ul> <li>Obtained FDA ap</li> <li>Obtained CE mar</li> </ul>		2019
GLADIATOR™ Cementless monolithic Femoral Hip Stem	Obtained FDA ap	proval	2020
PROCOTYL™ P Acetabular Cup System	• Obtained CE mar	k	2020
PRIME™ Acetabular Cup system	<ul> <li>Multi-hole shell a submission to the</li> </ul>	ind constrained liner e FDA in June	completed 2020
Femoral heads of PROFEMUR™ TL2 femoral stem	• Obtained CE mar	k	2020
ICE instrumentation Option	Obtained global of	clearance	2020
Anterior PATH™ minimally invasive surgical technique	Obtained global of	clearance	2020
surgical technique			



#### Financing: RMB 580 million

• Completed equity financing with lead investor of China Life Chengda (Shanghai) Healthcare Industry Equity Investment Centre and other well-recognized investors to raise RMB 580.0M (US\$ 84.1M), post-money valuation RMB 3.9 billion





# Extensive Product Pipeline

	Clinical trial	Registration	Approval
Aspiration <sup>™</sup> Medial Stability Total Knee Replacement System	Obtained NMP	A approval	2019
SoSuperior™ Medial Stability Total Knee Replacement System	Obtained NMPA	A approval	2019
Goral™ Total Hip Arthroplasty System	Obtained NMP/	A approval	2020
MinInvasive's OmniCuff™ Shoulder Rotator Cuff Repair Device	Obtained NMP/	A approval	2020
Piscis™ II Interbody Fusion System	Obtained NMP	A approval	2019
Takin <sup>™</sup> II Cannulated Spine Minimal Invasive System	Obtained NMP/	A approval	2019

# **China Business Highlights**

#### Revenue: \$ 9.8 m, - 12.0% YOY

## Revenue of Joints: \$ 8.5 m, -13.4% YOY

- Limited procedures due to COVID-19 pandemic
- Expanded hospital coverage: imported hip 61% YOY  $\uparrow$ , imported knee 105% YOY  $\uparrow$
- Made-in-China product line is complete
  - Made-in-China knee systems gained sales momentum
  - Launch of made-in-China Hip Joint Replacement System in April, completed over 100 cases

## Revenue of Spine and Trauma: \$ 1.3 m, 4.8% YOY ↑

- Launch of Piscis<sup>™</sup> II Interbody Fusion System
- Launch of Takin<sup>™</sup> II Cannulated Spine Minimal Invasive System
- New hospital penetration

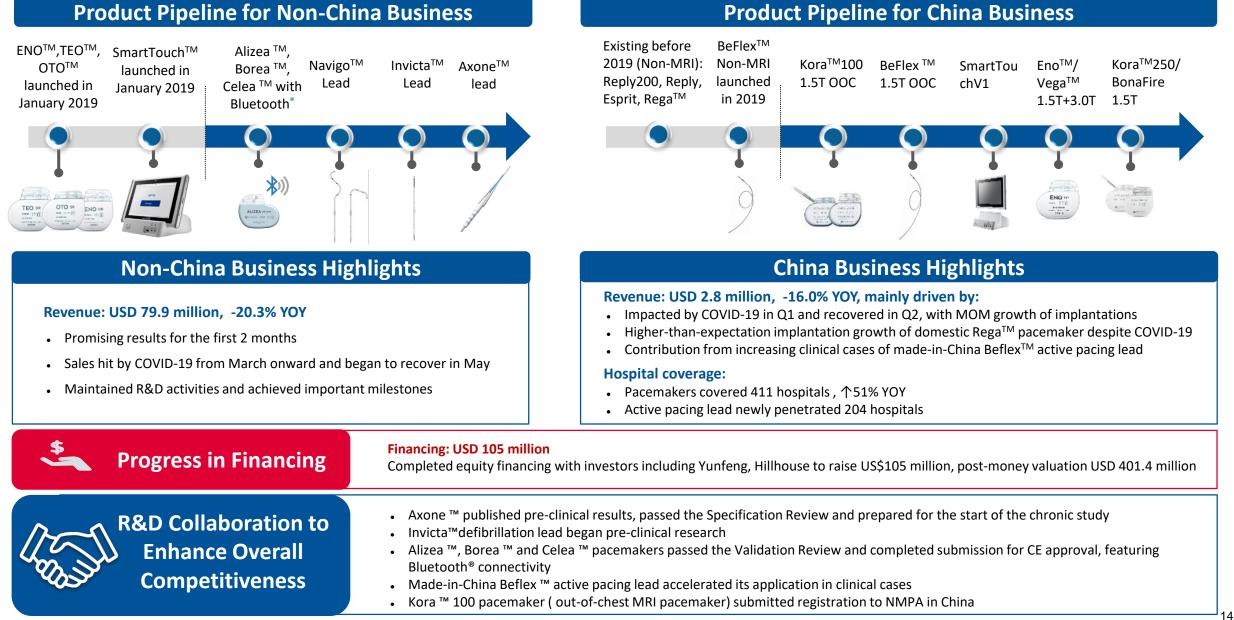
#### Surgical Instrument :

- Mass production of instruments for made-in-China joint products to further reduce cost
- Produced over 100 instruments including 14 sports medicines instruments
- Produced 33 Hybrid ICE knee instruments for the overseas orthopedics business to support CE registration

## **Global Supply Center ("GSC")**

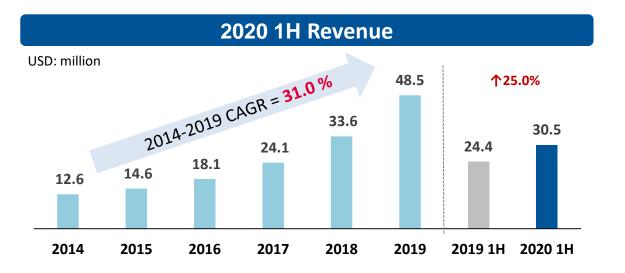
- Maintained stable operations and processed delivery of over 30,000 products in 30 countries/regions
- Saved cost by transferring some instrument projects to low-cost area

\*Revenue Growth Rate and Historic Revenue Numbers Adjusted to Exclude Foreign Exchange Impact



\*Revenue Growth Rate and Historic Revenue Numbers Adjusted to Exclude Foreign Exchange Impact





# **Extensive Product Pipeline**

		•	
	Clinical trial	Registration	Approval
Minos™ Ultra Low Profile AAA Stent-Graft	<ul> <li>Entered Green Pat</li> <li>Obtained both NM</li> </ul>	h in March 2017 <mark>PA approval</mark> and <mark>CE m</mark>	ark <b>2019</b>
Reewarm <sup>™</sup> PTX Drug Coated Balloon	<ul> <li>Entered Green Pat</li> <li>Obtained NMPA a</li> </ul>	h in December 2015 <mark>oproval</mark> in 2020	2020
Hercules <sup>™</sup> Low Profile Thoracic Stent-Graft System	Obtained CE mark	in March 2020	2020
Fontus™ Branched Surgical Stent Graft System	<ul> <li>Entered Green Pat</li> <li>Submitted registra</li> </ul>	0	2020
Talos <sup>™</sup> Thoracic Stent-Graft System		h in September 2017 hth follow-up results	2021

#### \*Revenue Growth Rate and Historic Revenue Numbers Adjusted to Exclude Foreign Exchange Impact

# Sm150 500

# **Progress in Overseas Market**

# Minos<sup>™</sup> Ultra Low Profile AAA Stent-Graft

Completed first implantations in several European countries after Minos<sup>™</sup> obtained CE mark in 2019

# Hercules<sup>™</sup> Low Profile Thoracic Stent-Graft System

• Obtained CE mark during the reporting period, which further expanded this segment's international product line

# **Business Highlights**

#### Revenue: USD 30.5 million, 25.0% YOY ↑, mainly driven by:

- TAA Stent Graft System applied in emergency surgeries maintained positive revenue growth with limited impact by COVID-19
- AAA Stent Graft System applied in elective surgeries recorded declined revenue
- Solid competitive advantages in tier 2-4 cities
- Castor™, the world's first thoracic branch stent-graft system, maintained robust growth, over 1,000 implants during 2020 1H
- Minos<sup>™</sup> launched in 2019 and made revenue contribution
- Newly launched Reewarm<sup>™</sup> brought new catalyst

#### **Overseas development:**

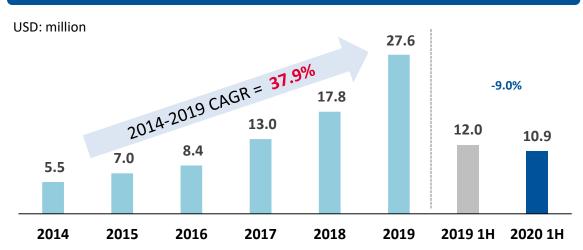
- Minos<sup>™</sup> obtained CE mark in 2019
- Hercules<sup>™</sup> Low Profile Thoracic Stent-Graft System obtained CE mark

#### Hospital coverage:

- Castor<sup>™</sup> covers over 400 hospitals
- Minos<sup>™</sup> covers over 60 hospitals

Tubridge™

# 2020 1H Revenue



# **Extensive Product Pipeline**

	Clinical trial	Registration	Approval
Tubridge™ Vascular Reconstruction Device	Entered Green Path in February 2016     Obtained NMPA approval 2018		
Fastrack™ Microcatheter System	<ul> <li>Obtained NMPA ap</li> <li>First self-developed</li> </ul>	o <mark>proval</mark> d product for neural pa	athway <b>2019</b>
Coil Occlusion System and Detachment System	<ul> <li>Submitted registra</li> <li>Prepared supplementation</li> </ul>	tion application entary information for	registration 2020
Vertebral Artery Rapamycin Target Eluting Stent System	<ul> <li>Entered Green Pat</li> <li>Prepared supplementation</li> </ul>	h in March 2018 entary information for	registration <b>2021</b>
Tigertriever™ Revascularization Device	Entered Green Pat	h in May 2020	2021

#### \*Revenue Growth Rate and Historic Revenue Numbers Adjusted to Exclude Foreign Exchange Impact

# USD: million Ischemic Hemorrhagic -35.9% 4.9 2019 1H 2020 1H 3.1 -49.9% 0.9 0.5

**Sales Growth by Products** 

# Highlights

WILLIS™

#### Revenue: USD 10.9 million, - 9.0% YOY, mainly driven by:

**APOLLO™** 

- Declined revenue of APOLLO<sup>™</sup> for the first time since its launch in 2004 due to declined surgeries caused by COVID-19
- Declined revenue of Willis <sup>™</sup> due to decreasing implant cases in major and key hospitals and the COVID-19 effect
- Tubridge<sup>™</sup> achieved sales growth

#### Hospital coverage:

- Willis<sup>™</sup> covered 107 hospitals, newly penetrated 4 hospitals
- Tubridge<sup>™</sup> newly penetrated 19 hospitals

#### New products under development to enrich the product pipeline



# **Business Highlights**

#### **Revenue: USD 5.2 million:**

- Continuing commercialization of VitaFlow<sup>™</sup> since first implantation in Aug 2019
- Strong momentum after recovery from COVID-19

## Possible spin-off and separate listing

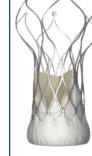
## Progress in Financing: USD 130 million

• Completed new round of financing from investors for US\$130m in April, postmoney valuation reached USD 1.2 billion

#### Market strategy & hospital coverage:

- Adopt targeted pricing and marketing strategies
- Focus on core medium and large hospitals, with penetration of 72 hospitals as of 30 June 2020, including Zhongshan Hospital, Fuwai Hospital, Wuhan Asia Heart Hospital, and the Second Affiliated Hospital of Zhejiang University School of Medicine

# **Product Pipeline**

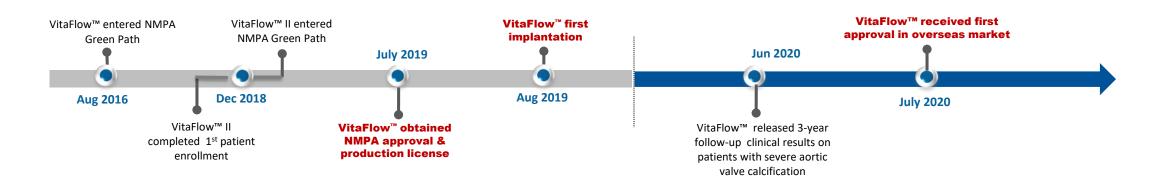


# **VitaFlow**<sup>™</sup> is the first approved TAVI product made of bovine pericardial leaflets in China, with novel inner and outer PET skirts and motorized handle

- VitaFlow<sup>™</sup> received approval in July 2020 in Argentina, first approval in overseas market and big step in global distribution
- VitaFlow<sup>™</sup>'s 3-year follow-up clinical results on patients with severe aortic valve calcification proved its identical clinical efficacy and safety with low mortality rate and complication rate

# VitaFlow<sup>™</sup> II is equipped with retrievable delivery system

- "Retrievable" feature will provide solution to the challenging positioning issue, thereby improving precision and success rate
- While achieving the retrievable feature, VitaFlow<sup>™</sup> II maintains its remarkable deployment stability and ability in preventing PVL
- Ongoing clinical trials in both China and EU and expected to obtain NMPA approval/ CE mark



# **Surgical Robot**



# Highlights in R&D

Toumai <sup>™</sup> made steady progress in FIM clinical trial

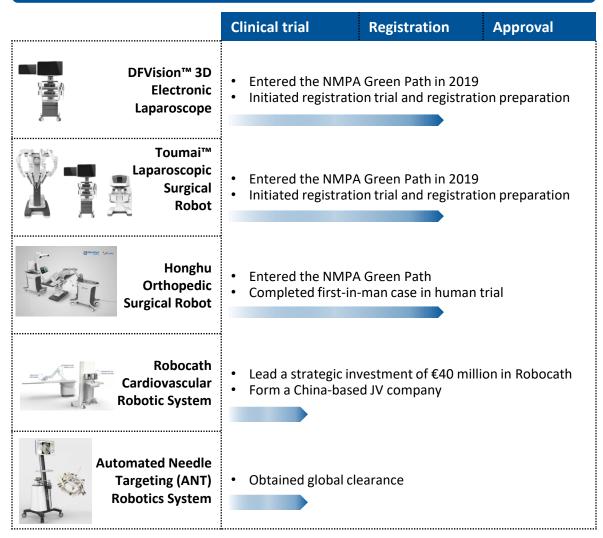
Honghu Orthopedic Surgical Robot entered Green Path and initiated FIM clinical trial

Overseas investment to diversify product portfolio and expand global presence

- Invested €40 million in Robocath for vascular robot
- Invested SGD 6 million in NDR for Automated Needle Targeting (ANT) robotics system



# **Extensive product pipeline**





1 Interim Result Highlights

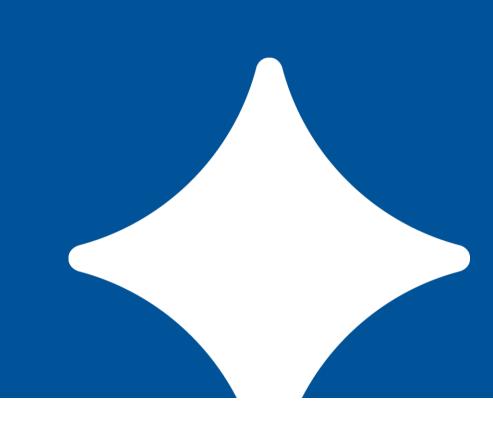


**Financial Review** 



**Business Review** 





Unit: USD'000	1H 2020	1H 2019	Var.
Revenue	306,922	392,607	-22%
Cost of sales	(89,334)	(110,969)	-19%
Gross profit	217,588	281,638	-23%
Other net income	30,808	8,613	258%
Research and development costs	(72,803)	(67,968)	7%
Distribution cost	(111,972)	(126,465)	-11%
Administrative expenses	(90,614)	(54,974)	65%
Other operating costs	(9,611)	(5,860)	64%
Profit from operations	(36,604)	34,984	-205%
Finance cost	(16,071)	(9,560)	68%
Gain on disposal of subsidiaries	-	63,105	-100%
Share of losses of associates	(2,522)	(1,318)	91%
Profit before taxation	(55,197)	87,211	-163%
Income tax	(13,565)	(26,362)	-49%
Profit for the period	(68,762)	60,849	-213%
Attributable to: Equity shareholders of the Company	(65,562)	65,476	-200%

# **Appendix II - Consolidated Balance Sheet**



Unit: USD'000	30 June. 2020	31 Dec. 2019	Var.
Non-current assets			
Investment properties	5,127	5,222	-2%
Other property, plant and equipment	424,215	428,786	-1%
Intangible assets	127,008	125,811	1%
Prepayments for non-current assets	10,034	7,551	33%
Goodwill	161,278	160,520	0%
Interest in associates	54,762	49,083	12%
Interest in a joint venture	11,829	5,100	132%
Other financial assets	20,420	20,125	1%
Deferred tax assets	10,738	13,171	-18%
Other non-current assets	46,061	41,628	11%
Total non-current assets	871,472	856,997	2%
Current assets			
Inventories	225,897	192,321	17%
Trade and other receivables	227,517	266,789	-15%
Pledged deposits and time deposits	3,045	1,767	72%
Cash and cash equivalents	471,273	280,077	68%
Derivative financial assets	430	-	n.a
Total current assets	928,162	740,954	25%
Current liabilities			
Trade and other payables	218,993	283,780	-23%
Contract liabilities	8,241	9,522	-13%
Lease liabilities	11,035	10,178	8%
Interest-bearing borrowings	100,910	32,092	214%
Covertible bonds	-	83,107	-100%
Income tax payable	9,135	13,122	-30%
Total current liabilities	348,314	431,801	-19%
Net current assets	579,848	309,153	88%

Unit: USD'000	30 June. 2020	31 Dec. 2019	Var.
Non-current liabilities			
Interest-bearing borrowings	257,912	288,107	-10%
Lease liabilities	41,853	44,527	-6%
Deferred income	23,480	24,895	-6%
Contract liabilities	22,326	21,463	4%
Other payables	301,497	107,743	180%
Net defined benefit obligation	8,919	9,046	-1%
Deferred tax liabilities	3,529	3,600	-2%
Financial liabilities carried at fair value	13,692	12,804	7%
Total non-current liabilities	673,208	512,185	31%
CAPITAL AND RESERVES			
Share Capital	17	16	6%
Reserves	629,168	519,008	21%
Total equity attributable to equity shareholders of the Comp	629,185	519,024	21%
Non-controlling interests	148,927	134,941	10%
TOTAL EQUITY	778,112	653,965	19%

Unit: USD'000	1H 2020	1H 2019	Var.
Net cash generated from operating activities	8,449	11,257	-25%
Net cash generated from investing activities	(37,861)	(23,069)	64%
Net cash generated from financing activities	220,942	(24,012)	-1020%
Net increase in cash and cash equivalents	191,530	(35,824)	-635%
Cash and cash equivalents at 1 January	280,077	130,054	115%
Effect of foreign exchange rate changes	(334)	1,144	-129%
Cash and cash equivalents at 30 June	471,273	95,374	394%