# Consolidated Financial Highlights for FY2017

(From April 1, 2017 to March 31, 2018)

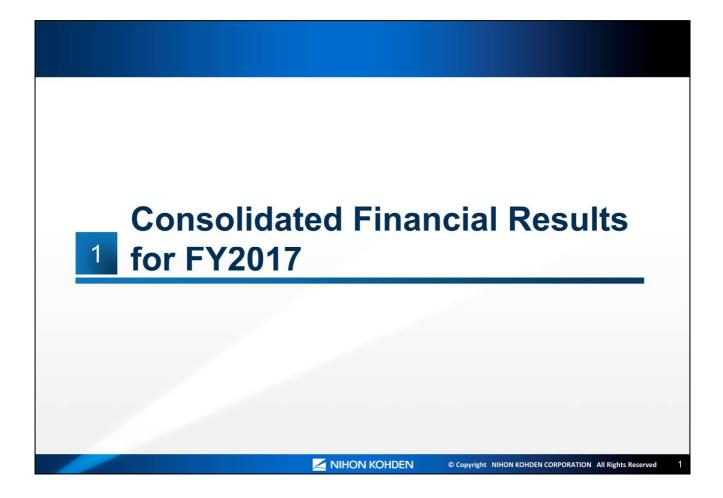
- 1. Consolidated Financial Results for FY2017
- 2. Forecast for FY2018
- 3. Progress of Mid-term Business Plan, TRANSFORM 2020

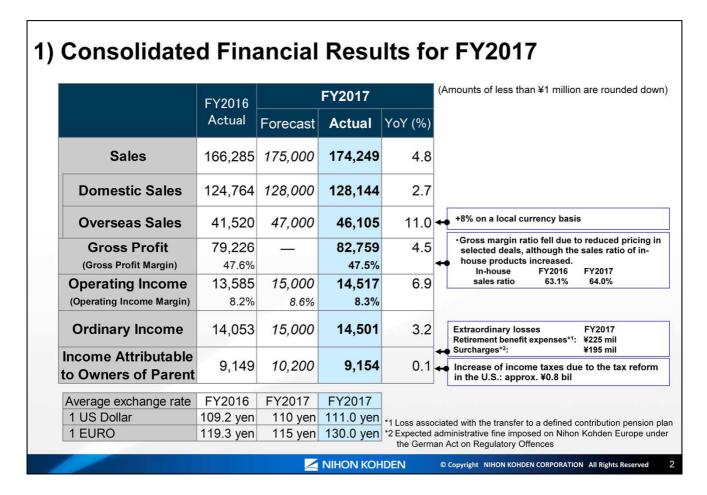
NIHON KOHDEN CORPORATION

(Ticker Code: 6849) May 15, 2018

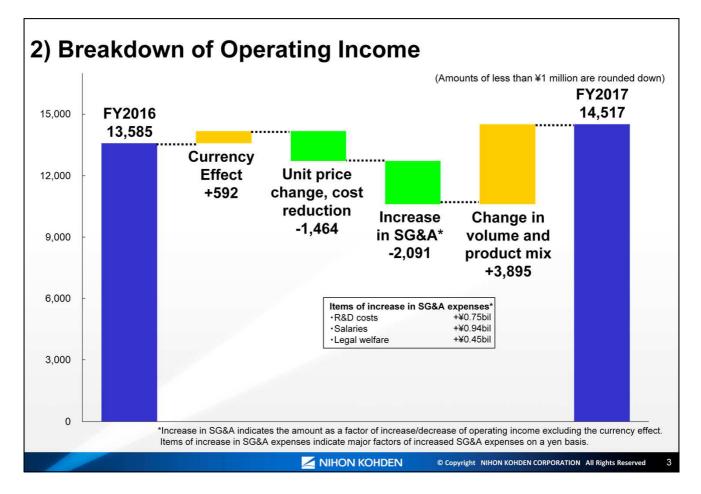
Fighting Disease with Electronics



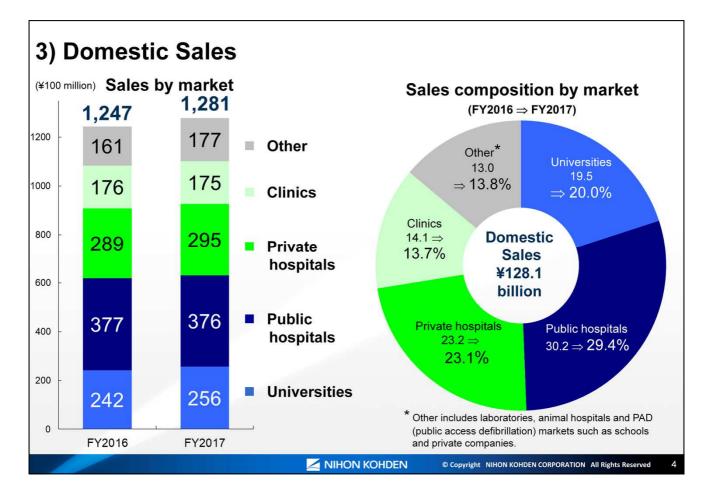




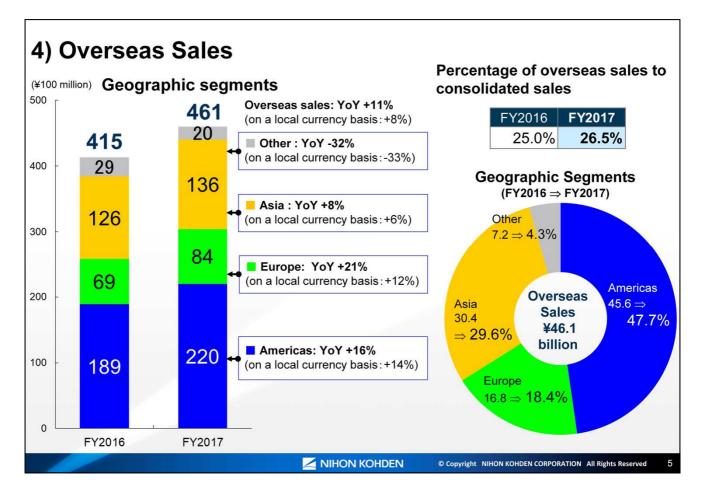
- Overall sales increased 4.8% to ¥174.2 billion. Domestic sales increased 2.7% to ¥128.1 billion. Overseas sales increased 11% to ¥46.1 billion, a 8% growth on a local currency basis.
- Overall sales fell short of the forecast by ¥0.8 billion. This was due to a shortfall in sales in the U.S. and Asia. Domestic sales exceeded the forecast.
- Gross margin ratio decreased 10 basis points to 47.5%. This was due to reduced pricing in selected deals, although the sales ratio of in-house products increased. Another reason was to reduce pricing of some specific products in order to increase sales of consumables.
- Operating income increased 6.9% to ¥14.5 billion due to increased sales, but by less than the forecast.
- Income attributable to owners of parent increased 0.1% to ¥9.1 billion, because the Company posted extraordinary losses and there was also an impact from the increase of income taxes due to the tax reform in the U.S.
- In FY2017, our business performance improved and income increased, while improving the gross margin ratio remained as an issue.



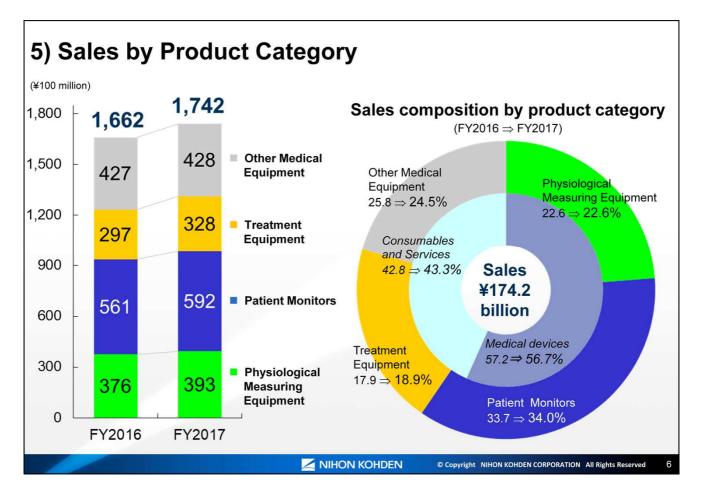
- FY2017 operating income increased to ¥14.5 billion from ¥13.5 billion in FY2016.
- Currency effect had a positive impact of ¥0.5 billion due to yen depreciation.
- Unit price change and cost reduction had a negative impact of ¥1.4 billion, resulting from unit price decline and the impact of unrealized profits on inventories due to currency fluctuation.
- Increases in SG&A had a negative impact of ¥2.0 billion mainly due to the increase of personnel expenses and R&D costs.
- Change in volume and product mix had a positive impact of ¥3.8 billion mainly due to volume increase.



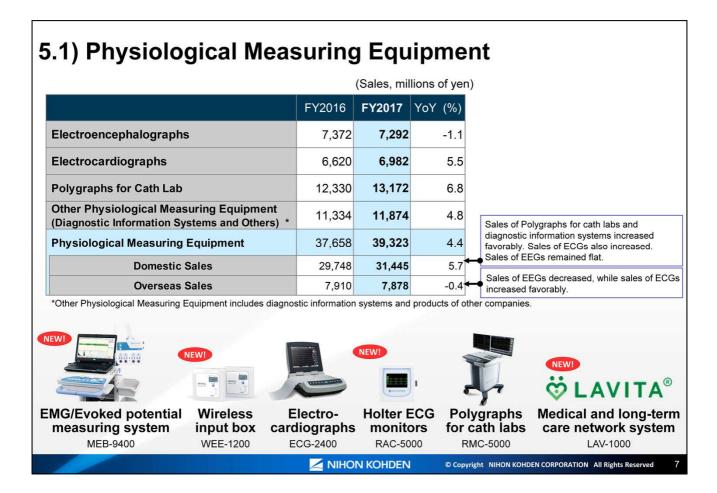
- Domestic sales increased by ¥3.4 billion to ¥128.1 billion.
- Sales in the university hospital market increased favorably as the Company received orders related to replacement of IT systems. Sales in the private hospital market showed stable growth. Sales of AEDs in other markets also increased. Sales in the public hospital market remained flat, while sales in the clinic market decreased.
- Sales increased as the Company concentrated on enhancing sales activities which match each market; the acute care hospital market, the small and midsized hospital market, and the clinic market. Consumables and Services also contributed to increased sales.



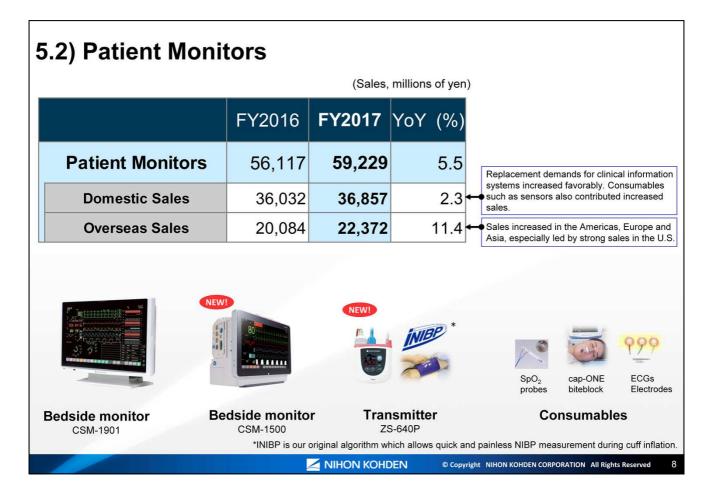
- Overseas sales increased by ¥4.6 billion to ¥46.1 billion.
- Sales in the Americas increased by ¥3.1 billion to ¥22.0 billion, a 14% growth on a local currency basis. In the U.S., sales of Patient Monitors and AEDs showed strong growth. In Latin America, sales in Brazil, Mexico and Colombia increased favorably.
- Sales in Europe increased by ¥1.5 billion to ¥8.4 billion, a 12% growth on a local currency basis. Sales in Russia increased favorably and sales in Germany and Turkey recovered.
- Sales in Asia increased by ¥1.0 billion to ¥13.6 billion, a 6% growth on a local currency basis. Sales in China increased favorably. Sales in the Middle East recovered as a result of developing distribution channels.
- Sales in Other decreased compared with the previous fiscal year when a large order in Egypt was recorded.
- Overseas sales increased in general, but fell short of the forecast because sales of EEGs decreased in the U.S. and sales in India, Vietnam and Korea decreased.



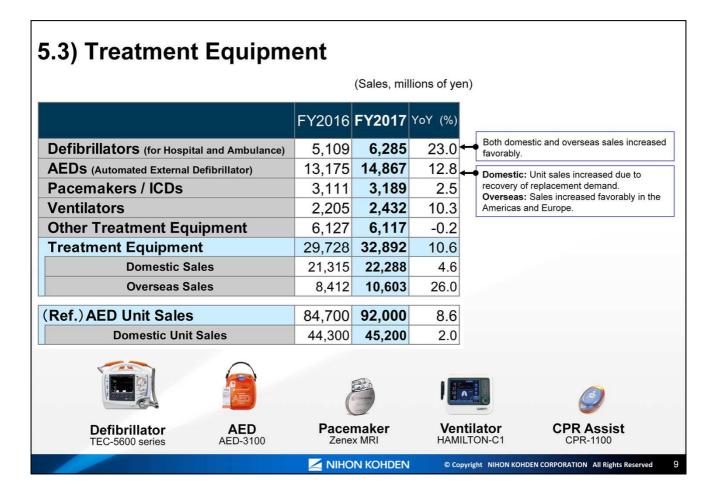
- Sales by product category are shown above. Sales in all product categories increased.
- The sales ratio of Consumables and Services increased to 43.3% because we strengthened the consumables business both in Japan and internationally.



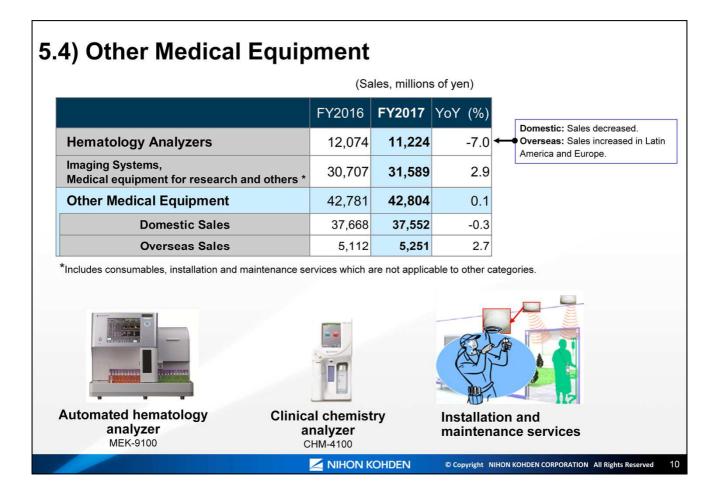
- Sales of Physiological Measuring Equipment increased 4.4% to ¥39.3 billion.
- Domestic sales increased 5.7% to ¥31.4 billion. Sales of polygraphs for cath lab and diagnostic information systems increased favorably. Sales of ECGs increased on the sales effects of new products, Holter ECG monitors. Sales of EEGs remained flat.
- Overseas sales decreased 0.4% to ¥7.8 billion. Sales of EEGs decreased in the U.S., while sales of ECGs increased favorably.



- Sales of Patient Monitors increased 5.5% to ¥59.2 billion.
- Domestic sales increased 2.3% to ¥36.8 billion. Sales of clinical information systems increased favorably. Sales of consumables such as sensors also increased.
- Overseas sales increased 11.4% to ¥22.3 billion. Sales in the Americas, Asia and Europe increased, especially led by strong sales in the U.S.



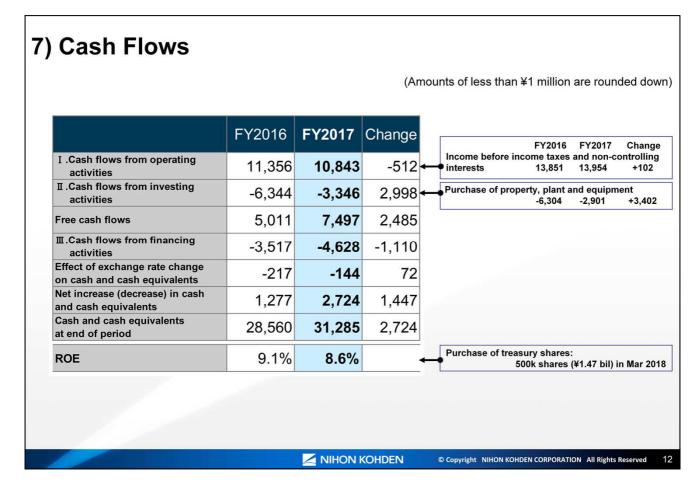
- Sales of Treatment Equipment increased 10.6% to ¥32.8 billion. Domestic sales increased 4.6% to ¥22.2 billion. Overseas sales increased 26% to ¥10.6 billion.
- Sales of defibrillators increased 23% to ¥6.2 billion, as both domestic and overseas sales increased favorably.
- Sales of AEDs increased 12.8% to ¥14.8 billion. Overall AED unit sales were 92,000 units. In Japan, unit sales increased due to recovery of replacement demand. Internationally, sales increased favorably in the Americas and Europe.



- Sales of Other Medical Equipment increased 0.1% to ¥42.8 billion.
- Domestic sales decreased 0.3% to ¥37.5 billion, because sales of hematology instruments decreased.
- Overseas sales increased 2.7% to ¥5.2 billion, because sales of hematology analyzers increased in Latin America and Europe.

### 6) Financial Condition (Amounts of less than ¥1 million are rounded down) FY2016 FY2017 FY2016 FY2017 Change Change 124,601 44,605 -400 **Current Assets** 119,235 5,366 **Current Liabilities** 45,006 Inventories 22,638 23,098 460 Interest-bearing Debt 628 488 -14020,148 20,324 175 3,913 3,980 67 Property, Plant & Equipment Non-current Liabilities 5,597 5,079 -517 **Net Assets** 103,887 109,355 5,468 Intangible Assets Investments & Other Assets 7,825 7,935 109 152,806 **157,941 Total Assets** 152,806 157,941 5,134 **Total Liabilities & Net Assets** 5,134 **Inventory Turnover** 3.1 months 3.0 months **Equity Ratio** 68.0% 69.2% [Reason for the increase of inventories] ·Work in process and raw materials and supplies increased by ¥1,439 million, while merchandise and finished goods decreased by ¥979 million. →Procurement of electronic components in advance due to tight demand-supply balance →Securing of materials to shorten lead-time NIHON KOHDEN © Copyright NIHON KOHDEN CORPORATION All Rights Reserved

- Total assets increased by ¥5.1 billion to ¥157.9 billion.
- As for inventories, work in process and raw materials and supplies increased, while merchandise and finished goods decreased. Inventory turnover shortened by 0.1 months to 3.0 months.



- Cash and cash equivalents at end of the period increased by ¥2.7 billion to ¥31.2 billion.
- ROE was 8.6%.
- The Company repurchased 500k shares.

# 8) Capital Investments and R&D Costs

(Amounts of less than ¥1 million are rounded down)

	FY2016 Actual	FY2017				FY2018
		Original Forecast announced May 11, 2017	Revised Forecast announced Nov 6, 2017	Actual	Change	Plan
Capital Investments	7,710	5,700	5,200	3,430	-4,280	4,000
Depreciation	3,422	3,900	3,600	3,338	-83	3,900
R&D costs	6,466	7,300	7,300	7,226	759	8,500

### FY2017 capital investments:

Molds for new products, measuring equipment and jigs, products for demonstration, production equipment, renovation of head quarters (Nishiochiai Office) (¥0.8bil)

## ●FY2018 capital investments plan:

Molds for new products, measuring equipment and jigs, products for demonstration, production equipment, and renewal of backbone system server

### ●FY2019 capital investments plan:

Construction of Eastern Japan Logistics Center

Start of construction: June 2018 (plan)
Completion and relocation: Summer 2019 (plan)
Capital investments in FY2019: ¥0.8bil
(As the Center is a leasing logistics facility, investment is for distribution equipment such as moving shelves)

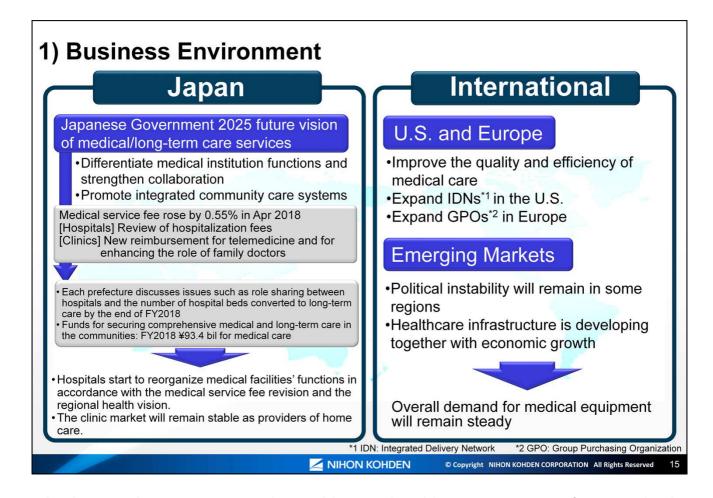
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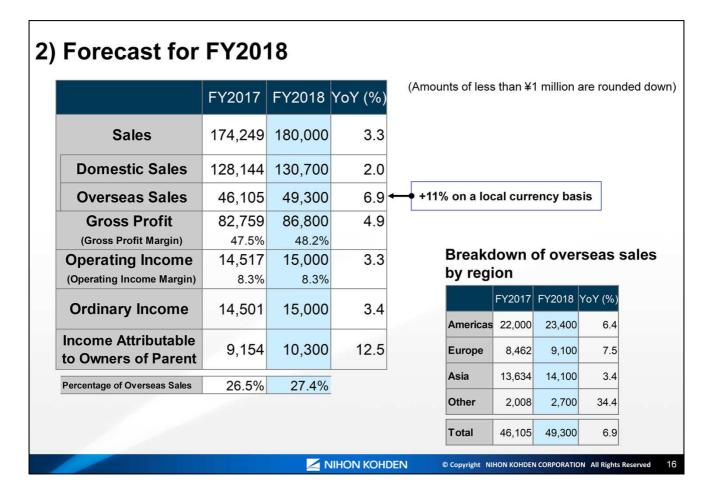
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- Capital investments were ¥3.4billion. The reason for the difference from the forecast was the carryover of investment in production equipment and the restraint of investment in products for demonstration.
- Depreciation was ¥3.3 billion. R&D costs increased by ¥0.7 billion to ¥7.2 billion.
- Capital investments and depreciation for FY2018 will increase by ¥0.6 billion respectively, to ¥4.0 billion and ¥3.9 billion. R&D costs for FY2018 will increase by ¥1.3 billion to ¥8.5 billion, as the Company plans to launch a lot of new products.
- In FY2019, capital investments for constructing the Eastern Japan Logistics Center are expected. This is for the purpose of reducing costs by integrating logistics centers.

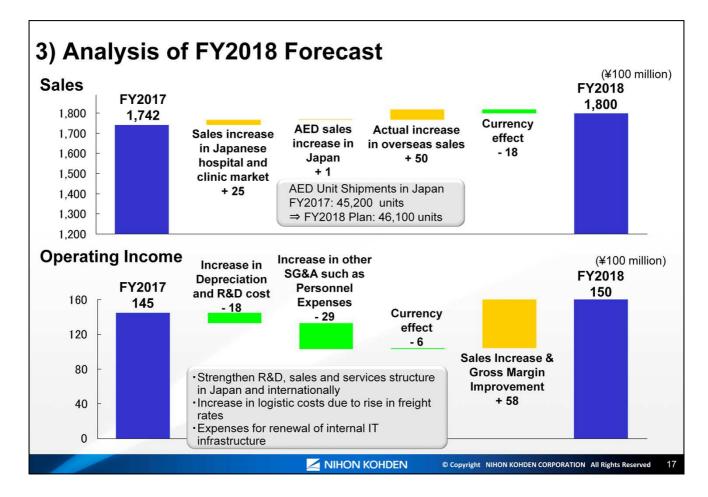




- In Japan, the government is working on healthcare system reform under its 2025 future vision of medical/long-term care services. In the hospital market, the reorganization of medical facilities' functions will start in accordance with a review of hospitalization fees and development of a regional health vision. The clinic market will remain stable.
- Internationally, IDNs continue to expand in the U.S. In Europe, group purchasing is expanding, especially by GPOs. In emerging countries, healthcare infrastructure is developing together with economic growth. We expect that overall demand for medical equipment in overseas markets will remain steady, while political instability remains in some regions.



- Under these market circumstances, the Company forecasts its overall sales, domestic sales and overseas sales for FY2018 to be: 3.3% growth to ¥180.0 billion, 2% growth to ¥130.7 billion, and 6.9% growth to ¥49.3 billion, respectively. Overseas sales are expected to be a 11% growth on a local currency basis.
- Gross margin ratio is expected to be improved to 48.2% by introducing new in-house products.
- The forecast for operating income is ¥15.0 billion, up 3.3%. The forecasts for ordinary income and income attributable to owners of parent are shown above.
- As for overseas sales by region, we expect sales expansion in the favorable U.S. and Latin America markets and enhance sales activities in Africa, where we established a branch in Kenya.

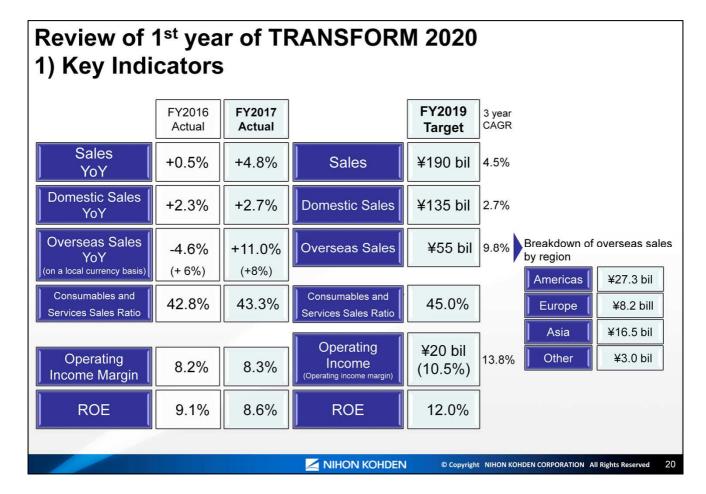


- As for sales in Japan, sales in the hospital and clinic markets, and AED sales are expected to increase by ¥2.5 billion and ¥0.1 billion, respectively. The forecast for AED unit sales is 46,100 units.
- As for overseas sales, the actual increase in overseas sales will be ¥5.0 billion. Negative currency effect will be ¥1.8 billion.
- As for operating income, depreciation and R&D costs will increase by ¥1.8 billion. Other SG&A such as Personnel Expenses will increase by ¥2.9 billion mainly due to enhancement of R&D, sales and services structure, increase in logistic costs, and expenses for renewal of internal IT infrastructure. Currency effects will be the negative impact of ¥0.6 billion. The positive impact of sales increase and gross margin improvement will be ¥5.8 billion.

### (Ref.) Consolidated Forecast FY2018 by Product Category (Amounts of less than ¥1 million are rounded down) FY2017 YoY (%) FY2018 **Physiological Measuring** 40,200 39,323 22.3 2.2 Equipment 62,500 34.7 **Patient Monitors** 59,229 5.5 **Treatment Equipment** 32,892 33,600 18.7 2.2 43,700 42,804 24.3 2.1 **Other Medical Equipment Total** 174,249 180,000 100.0 3.3 (Reference) 75,505 78,100 43.4 **Consumables and Services** 3.4 Average exchange rate Annual exchange rate fluctuations Operating FY2017 FY2018 Sales Income 0.30 bil yen 0.11 bil yen 1 US Dollar 111.0 yen 105 yen 1 US Dollar 1 EURO 130.0 yen 130 yen 1 EURO 0.05 bil yen 0.02 bil yen NIHON KOHDEN

- As for sales forecast by product category, we aim at increasing sales in all product categories. We will also enhance our Consumables and Services Business.
- The forecast for FY2018 is based on an exchange rate of 105 yen to the U.S. dollar and 130 yen to the euro.

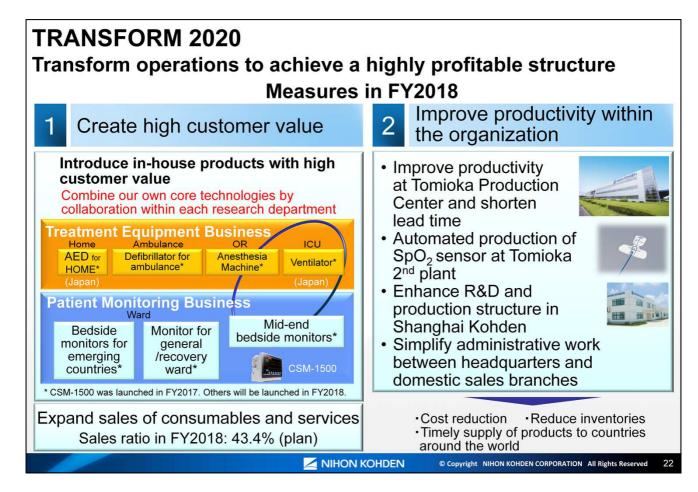




- When we evaluate our progress in the 1<sup>st</sup> year of mid-term business plan regarding key indicators, domestic sales growth was in line with 3 year CAGR target. Overseas sales growth exceeded the target on a yen basis, but fell slightly short of the target on a local currency basis.
- The sales ratio of Consumables and Services increased to 43.3%.
- The improvement of gross profit margin remained as an issue, while both domestic and overseas sales increased and the sales mix improved.
   Therefore, operating income margin remained at 8.3% and ROE decreased to 8.6%, which deviated from the FY2019 target.

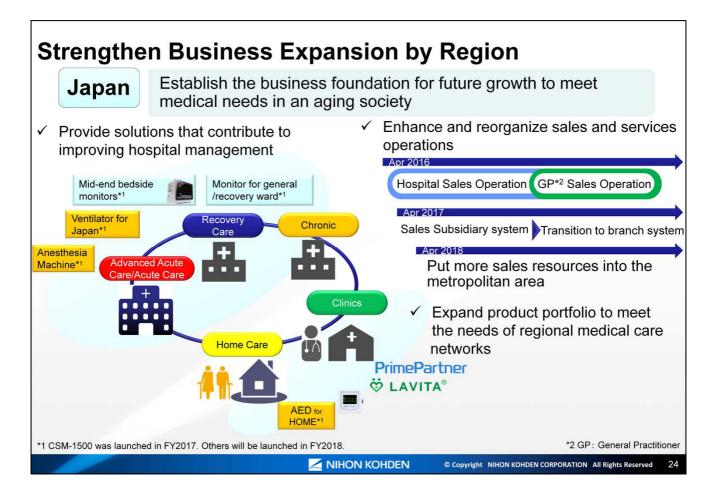
### Review of 1st year of TRANSFORM 2020 2) Key Strategies 6 key strategies Results in FY2017 Absorbed domestic sales subsidiaries Strengthen business Established Kenya branch in Africa and enhanced expansion by region direct sales structure in Brazil Introduced new patient monitors Achieve further growth in Expanded product portfolio for the clinic market core businesses Took initiatives to start automated production of consumables Promoted in-house development of ventilators and Develop new businesses anesthesia machines Strengthen technological Strengthened local R&D capability for large deals in development capabilities the U.S. Pursue the highest level of No.1 customer satisfaction for 11 consecutive years quality in the world in the U.S. One-third of board directors will be outside directors Consolidate corporate as of Jun 27, 2018. fundamentals Promote work style reforms and introduce flextime and telecommuting programs in Apr 2018 NIHON KOHDEN © Copyright NIHON KOHDEN CORPORATION All Rights Reser

- To strengthen business expansion by region, we strengthened our domestic sales structure by absorbing sales subsidiaries and promoted sales initiatives for each market systematically.
- Internationally, we established a new branch in Kenya to strengthen business development in Africa. In Latin America, we also enhanced the direct sales structure in Brazil.
- To achieve further growth in core businesses, we introduced new patient monitors and expanded our product portfolio for the domestic clinic market.
- We also took initiatives to start automated production of consumables to enhance the cost competitiveness of our Consumables Business.

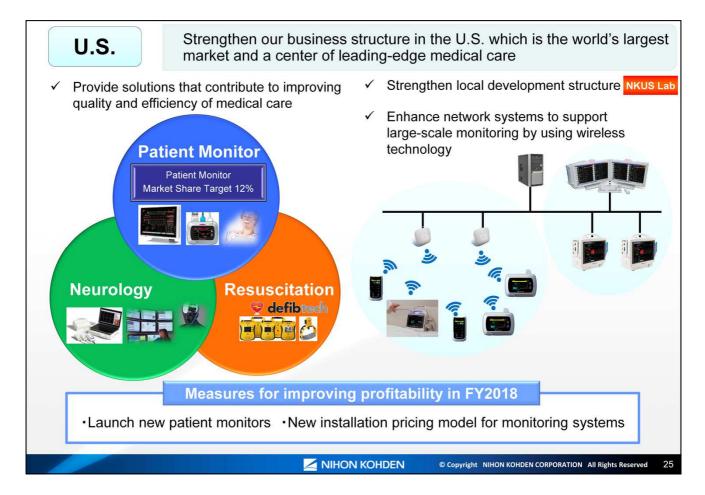


- In FY2019, which is the 2<sup>nd</sup> year of the mid-term business plan, we will further strive to transform operations to achieve a highly profitable structure. We believe that FY2019 is the year to secure a foothold for growth in 2020 and beyond.
- In particular, we will focus on improving the gross profit margin. We aim at increasing sales and improvement of gross profit margin by introducing in-house products with high customer value, including our core patient monitors.
- We will also focus on our profitable Consumables and Services Businesses, and aim at higher sales ratios in these businesses.
- To develop strategic businesses with these new products, we will further strengthen our sales structure.
- In addition, we will reduce the cost of sales by improving productivity. Especially, urgent task is to streamline our global supply chain including R&D, production and logistics in accordance with the increase of demands.
- We also aim to enhance cost competitiveness by introducing automated production step by step.
- To improve productivity across the entire group, we will reform its operating processes by utilizing ICT. We will adopt shared services for administrative procedures between headquarters and domestic sales branches.





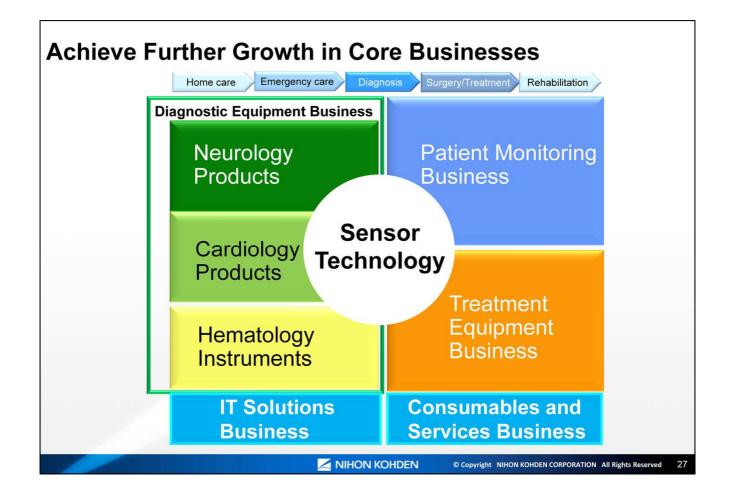
- In Japan, the government is working on reform of the healthcare system, including acute care, recovery care, chronic care and home care, to meet medical needs in an aging society.
- In order to respond to such market changes, the Company absorbed and merged its domestic sales subsidiaries in 2017, following the reorganization of its sales operations in 2016.
- After reviewing regional medical demand trends, the Company decided to put more sales resources into the metropolitan area in 2018, where we expect the increase of medical demand.
- In the hospital market, where replacement demand is expected, we will introduce new products such as patient monitors that contribute to improving hospital management. In the clinic and home care markets, where we expect to grow, we will also expand our portfolio of products for regional medical care networks.

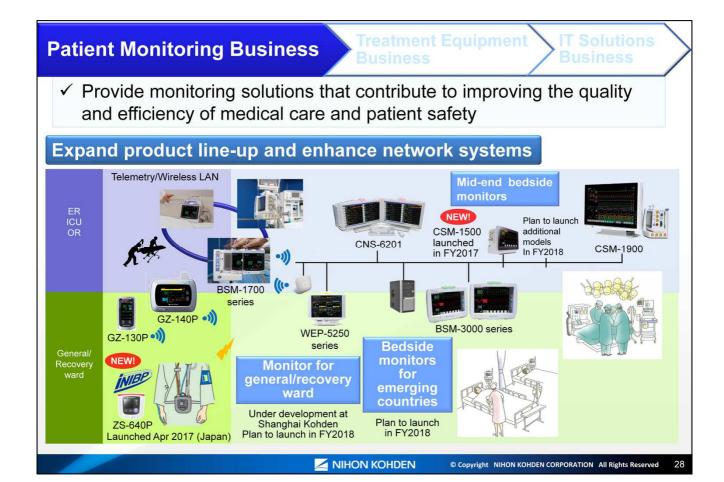


- In the U.S., sales of patient monitors increased favorably as a result of the enhancement of our local sales and R&D structure.
- Our brand awareness is increasing as our patient monitoring systems have been introduced in the U.S. at leading university hospitals. We feel we are getting closer to achieving the market share target of 12% in FY2019.
- As the number of large-scale monitoring systems increase, demands for advanced network technology are increasing. We need to invest a large amount of time and effort in installing patient monitoring systems and advanced expertise is required.
- We will reinforce the professionalism of our service teams and adopt a new installation pricing model to improve profitability.
- We expect to further strengthen our competitiveness as we will launch new products in our core patient monitor line-up in FY2018.

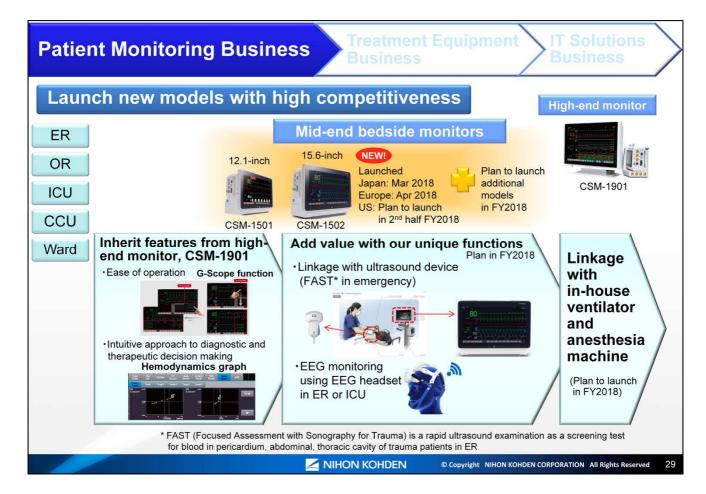


- In order to enhance business development in emerging countries, we established a new International Sales Operations department, which covers Latin America, Asia, the Middle-East and Africa.
- In China, we are expanding our line-up of locally developed and manufactured products to increase market share. We will further strengthen local R&D and production capacity as the basis of producing affordable models for emerging markets.
- In other emerging markets, we will promote localization of sales and services networks. We will also establish a global production and logistics structure to respond to the increase in demand and to support large deals.

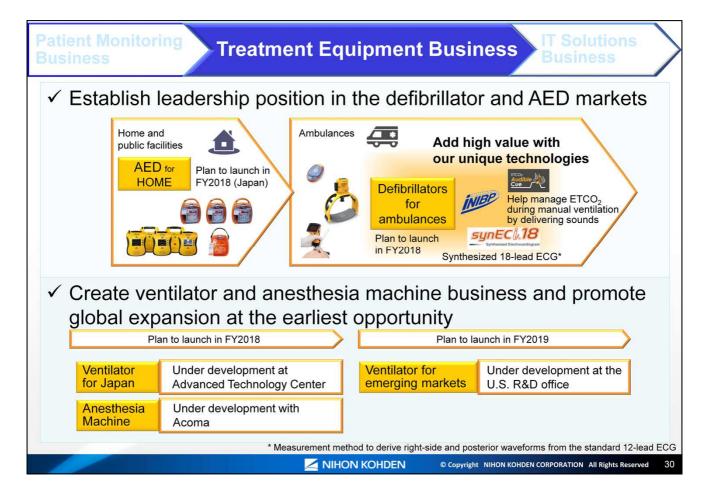




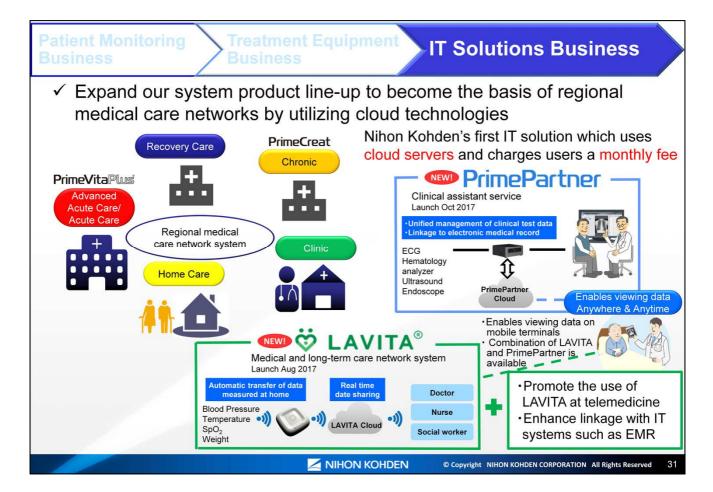
- In our Patient Monitoring Business, we will expand our product line-up to cover all areas from acute care to recovery care. We will also strengthen our competitiveness by enhancing network systems.
- We launched our core mid-end bedside monitors in March 2018, and additional models will be launched in the 1<sup>st</sup> half of FY2018.
- A new addition to our product line-up is a monitor for use in general/recovery wards, which is currently under development at Shanghai Kohden. We aim to capture increasing demand for monitoring in recovery care and chronic care.
- We also plan to launch bedside monitors for emerging countries, as successors to existing affordable models.



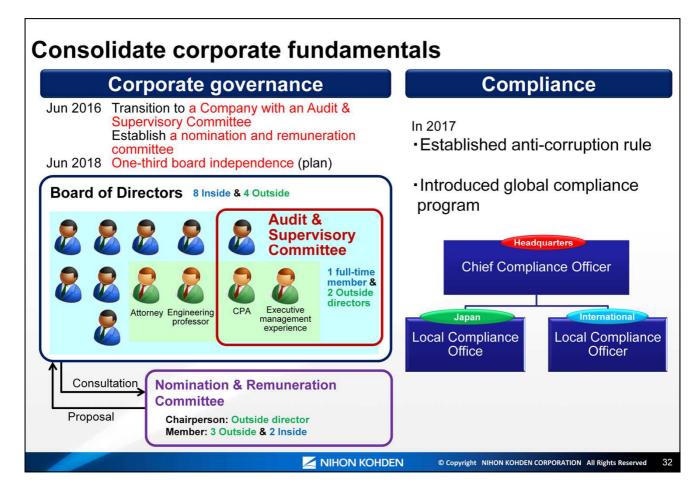
- We launched the CSM-1500 series as our new mid-end bedside monitor for mid to high-end markets. The CSM-1500 series were launched in Japan in March 2018, and Europe in April 2018. Introduction in the U.S. will be in the 2<sup>nd</sup> half of FY2018.
- CSM-1500 series inherit functions and operability from the high-end monitor, CSM-1901. These new products are designed to prepare for new technological trends and create a platform for our monitoring systems for the next 5 to 10 years.
- We will add new functions such as the display of ultrasound images by connecting an ultrasound probe. We will also integrate wireless EEG measurement technology using an EEG headset in order to respond to demand for neuro monitoring in ER or ICU.
- In the future, we will make it possible to connect our in-house ventilators and anesthesia machines to the monitors. We expect these monitors to become a platform for providing advanced monitoring solutions.



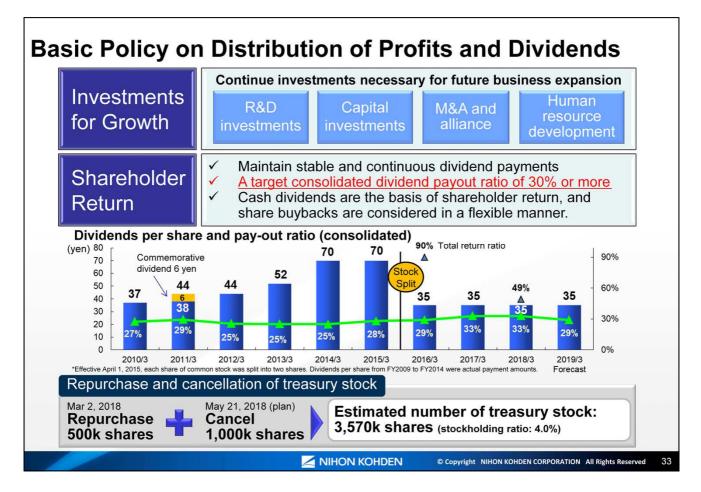
- In our Treatment Equipment Business, we plan to launch AED for home and defibrillators for ambulances.
- We aim to create high customer value by combining different research departments' technologies such as iNIBP or Audible Cue which are patient monitoring technologies and Synthesized 18-lead ECG which is ECG technology.
- A ventilator for Japan and an anesthesia machine under development with Acoma will be launched in FY2018.
- In FY2019, we plan to launch a ventilator for emerging markets, which is currently under development at the U.S. R&D office.



- In our IT Solutions Business, we are expanding our system product line-up to become the basis of regional medical care networks.
- In 2017, we launched PrimePartner and LAVITA, our first IT solutions which use cloud servers and charge users a monthly fee.
- Attention to LAVITA is increasing because a new reimbursement for telemedicine and remote monitoring was instituted as part of the medical service fee revision announced in April 2018.
- In the future, we aim to increase customer value of LAVITA by linkage with open systems such as electronic medical records.



- In order to consolidate our corporate fundamentals, we will focus on enhancing corporate governance as our top priority.
- In 2016, the Company transitioned to a Company with an Audit & Supervisory Committee and established a nomination and remuneration committee. One-third of the board will be independent outside directors after the shareholders' meeting in June 2018.
- In order to promote overseas business development, the Company established an anti-corruption rule and introduced a global compliance program.
- There was an incident of inappropriate conduct in our European subsidiary in the past. In order to prevent inappropriate conduct, we are committed to fostering a group-wide organizational culture that is highly sensitive to compliance.



- Our basic policy on distribution of profits and dividends is to maintain stable and continuous dividend payments while retaining necessary reserves for future business expansion such as R&D investments, capital investments, M&A and Alliance, and development of human resources. The target consolidated pay-out ratio is 30% or more.
- Cash dividends are the basis of shareholder return, and share buybacks are considered in a flexible manner.
- Full-year dividends for FY2018 will be 35 yen, and the payout ratio will be 29%.

# Disclaimer: The contents of this document are based on the Company's best judgments at the time it was prepared and do not constitute a guarantee or promise that the Company will achieve its numerical targets or implement the measures described therein.