Consolidated Financial Highlights for the First Half of FY2022 (From April 1, 2022 to September 30, 2022)

- 1. Consolidated Financial Results for the First Half of FY2022
- 2. Forecast for FY2022
- 3. Business Strategy

NIHON KOHDEN CORPORATION

(Ticker Code: 6849) November 11, 2022

Fighting Disease with Electronics



1 Consolidated Financial Results **1** for the First Half of FY2022

Z NIHON KOHDEN © Copyright NIHON KOH

© Copyright NIHON KOHDEN CORPORATION All Rights Reserved

1

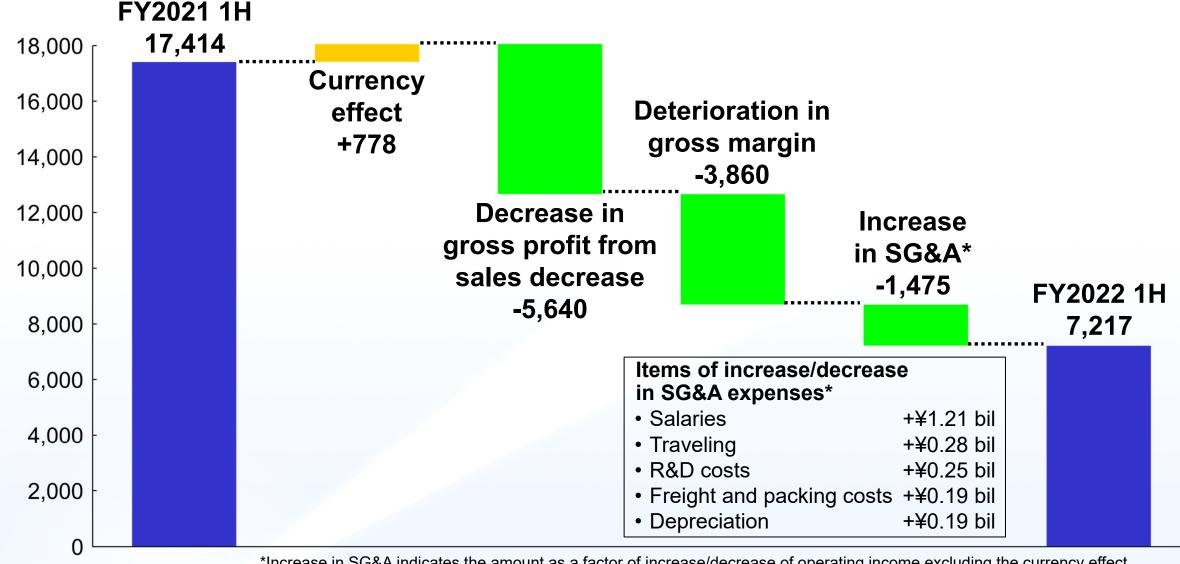
1) Consolidated Financial Results for the 1st Half of FY2022

| | First half | First half FY2022 | | | (Amounts of less than ¥1 million are rounded down) |
|--|---------------------|--|------------------------|---------|--|
| | FY2021 | Original forecast announced May 13 | Actual | YoY (%) | |
| Sales | 102,343 | 88,000 | 94,349 | -7.8 | |
| Domestic Sales | 65,164 | - | 62,584 | -4.0 | |
| Overseas Sales | 37,178 | - | 31,764 | -14.6 | -26% on a local currency basis |
| Gross Profit (Gross Profit Margin) | 54,487 53.2% | - | 47,596 50.4% | | In-house FY2021 1H FY2022 1H sales ratio: 72.2% → 71.3% |
| Operating Income | 17,414 | 5,000 | 7,217 | -58.6 | ← SG&A: ¥37.0 bil → ¥40.3 bil |
| (Operating Income Margin) | 17.0% | 5.7% | 7.6% | | SG&A Ratio: $36.2\% \rightarrow 42.8\%$ |
| Ordinary Income | 17,990 | 5,000 | 13,019 | -27.6 | Foreign exchange gains: ¥296 mil → ¥5,531 m |
| Income Attributable to Owners of Parent | 12,294 | 3,500 | 8,541 | -30.5 | |
| Average exchange rate | First half | | First half | | |
| 1 US Dollar | FY2021 109.5 yen | | FY2022 129.7 yen | | |
| 1 EURO | 131.1 yen | | 138.4 yen | | |

NIHON KOHDEN

2) Breakdown of Operating Income

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



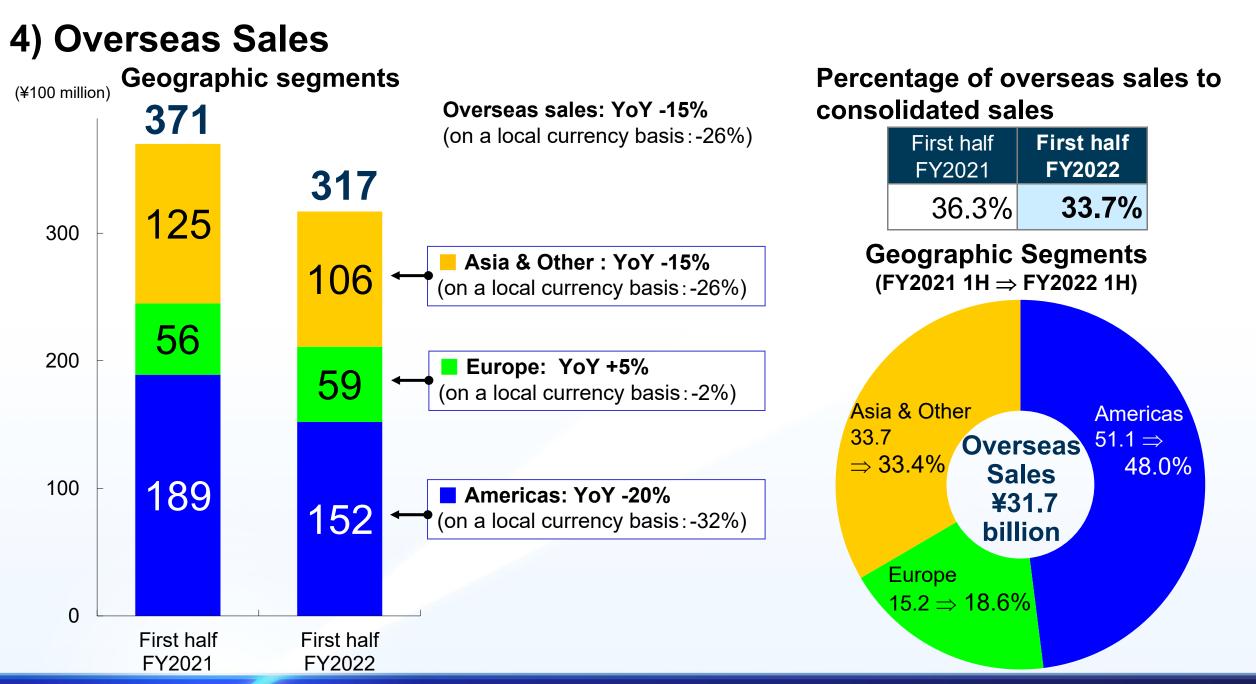
*Increase in SG&A indicates the amount as a factor of increase/decrease of operating income excluding the currency effect. Items of increase/decrease in SG&A expenses indicate major components of increased/decreased SG&A expenses on a yen basis.

🔁 NIHON KOHDEN

| 3) Do | mestic S | | | |
|----------------|----------------------|----------------------|----------------------|--|
| (¥100 million) | n) Sales by market | | | Sales composition by market |
| | 651 | 625 | | (FY2021 1H ⇒ FY2022 1H) |
| 600 - | 90 | 82 | Other | Other [*] 13.9 Universities |
| | 75 | 83 | Clinics | $\begin{array}{c} 10.3 \\ \Rightarrow 13.2\% \\ \hline 18.2\% \\ \hline 18.2\% \end{array}$ |
| 400 - | 174 | 163 | Private hospitals | 11.5 ⇒ 13.3% Domestic Sales ¥62.5 billion |
| 200 - | 202 | 182 | Public hospitals | Private hospitals $26.8 \Rightarrow$ Public hospitals $31.1 \Rightarrow 29.2\%$ |
| 0 | 108 | 113 | Universities | 26.1% |
| 0 - | First half FY2021 | First half FY2022 | | *Other includes laboratories, animal hospitals and PAD (public access defibrillation) markets such as schools and private companies. |

NIHON KOHDEN

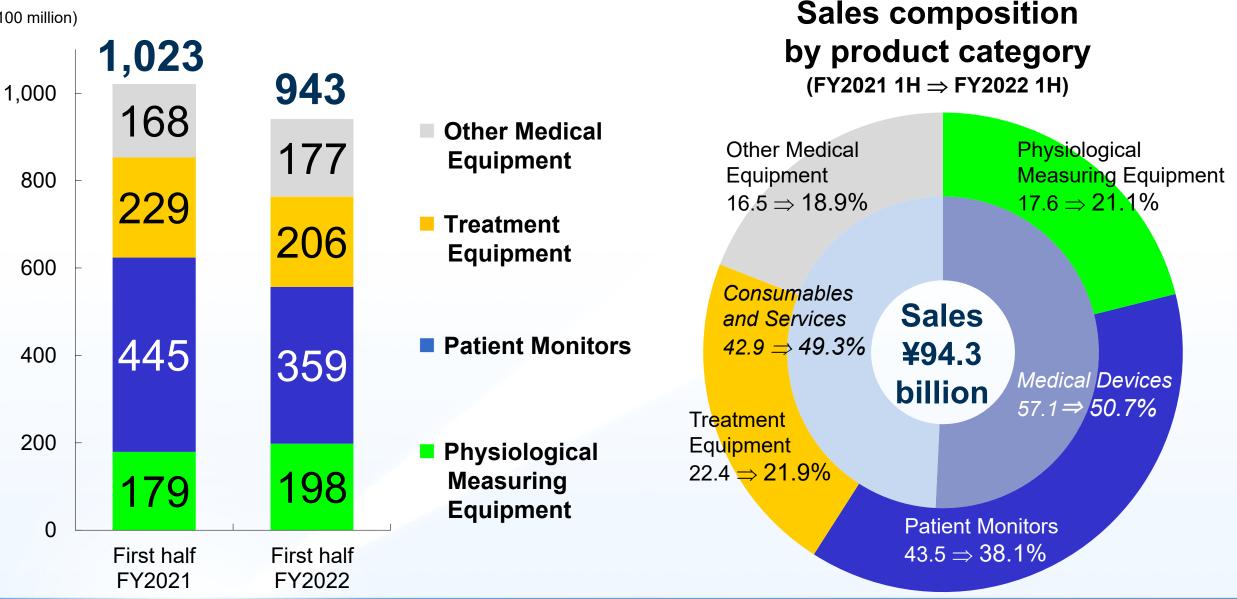
© Copyright NIHON KOHDEN CORPORATION All Rights Reserved 4



5

5) Sales by Product Category

(¥100 million)



5.1) Physiological Measuring Equipment

| | First half FY2021 | First half FY2022 | YoY (%) | (Sales, millions of yen) |
|---|----------------------|----------------------|---------|--|
| Electroencephalographs | 3,318 | 4,081 | 23.0 | |
| Electrocardiographs | 3,254 | 2,911 | -10.6 | |
| Polygraphs for Cath Lab | 6,424 | 8,006 | 24.6 | |
| Other Physiological Measuring Equipment * | 5,000 | 4,896 | -2.1 | Sales of EEGs and polygraphs for cath lab |
| Physiological Measuring Equipment | 17,998 | 19,896 | 10.5 | achieved double-digit growth. Sales of diagnostic information systems and ECGs also |
| Domestic Sales | 13,371 | 15,700 | 17.4 | increased. |
| Overseas Sales | 4,627 | 4,196 | -9.3 | Sales of ECGs decreased in all regions. Sales of EEGs increased favorably mainly in Asia & |

*Includes diagnostic information systems and products of other companies.

Other.



5.2) Patient Monitors

| | First half FY2021 | First half FY2022 | YoY (%) | (Sales, millions of yen) |
|------------------|----------------------|----------------------|---------|---|
| Patient Monitors | 44,546 | 35,964 | -19.3 | Sales of transmitters and bedside monitors decreased significantly compared to the strong growth in FY2021 1H. |
| Domestic Sales | 23,806 | 20,291 | -14.8 | Sales of clinical information systems achieved double-digit growth. |
| Overseas Sales | 20,740 | 15,672 | -24.4 | Sales in the U.S., Latin America, and Asia & Other decreased compared to the strong growth in FY2021 1H. Sales in Europe increased. |



NIHON KOHDEN

© Copyright NIHON KOHDEN CORPORATION All Rights Reserved 8

5.3) Treatment Equipment

| | First half FY2021 | First half FY2022 | YoY (%) |
|--|----------------------|----------------------|---------|
| Defibrillators (for Hospital and Ambulance) | 4,137 | 3,782 | -8.6 |
| AEDs (Automated External Defibrillator) | 8,713 | 9,159 | 5.1 |
| Pacemakers / ICDs | 1,288 | 1,165 | -9.6 |
| Ventilators | 5,381 | 2,934 | -45.5 |
| Other Treatment Equipment | 3,443 | 3,647 | 5.9 |
| Treatment Equipment | 22,965 | 20,689 | -9.9 |
| Domestic Sales | 14,321 | 12,252 | -14.4 |
| Overseas Sales | 8,644 | 8,436 | -2.4 |
| (Ref.) AED Unit Sales | 54,300 | 56,100 | 3.3 |
| Domestic Unit Sales | 29,600 | 25,200 | -14.9 |

(Sales, millions of yen)

Domestic: Sales increased thanks to orders received for replacements.

International: Sales in Europe and Asia & Other decreased.

Domestic: Sales decreased compared to the strong growth in FY2021 1H. **International:** Sales increased favorably in all regions.

Domestic: Sales decreased compared to the strong growth in FY2021 1H.
 International: Sales in Asia & Other and Latin America decreased significantly compared to FY2021 1H when demand increased.



9

5.4) Other Medical Equipment

| | First half FY2021 | First half FY2022 | YoY (%) | (Sales |
|------------------------------|----------------------|----------------------|---------|--------------------|
| Hematology Analyzers | 5,136 | 5,800 | 12.9 | |
| Imaging Systems and Others * | 11,695 | 11,998 | 2.6 | |
| Other Medical Equipment | 16,832 | 17,799 | 5.7 | |
| Domestic Sales | 13,666 | 14,339 | 4.9 | ۲ و و له |
| Overseas Sales | 3,166 | 3,459 | 9.3 | ~~ |

*Includes consumables, installation and maintenance services which are not part of other categories.

Sales, millions of yen)

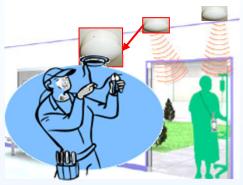
Sales of hematology instruments and installation and maintenance services for medical devices increased favorably. Sales of locally purchased products decreased, as the Company focused on selling in-house products.

 Sales of hematology analyzers and reagents showed strong growth in Latin America and Europe.

Automated hematology analyzer MEK-9200



Automated hematology and ESR analyzer MEK-1305



Installation and maintenance services

🔀 NIHON KOHDEN 🛛 © Copyright

(Ref.) COVID-19-Related Demand (Estimated)

Patient Monitors

Ventilators

Total

Defibrillators

COVID-19-related demand Non-COVID-19-related demand

3Q

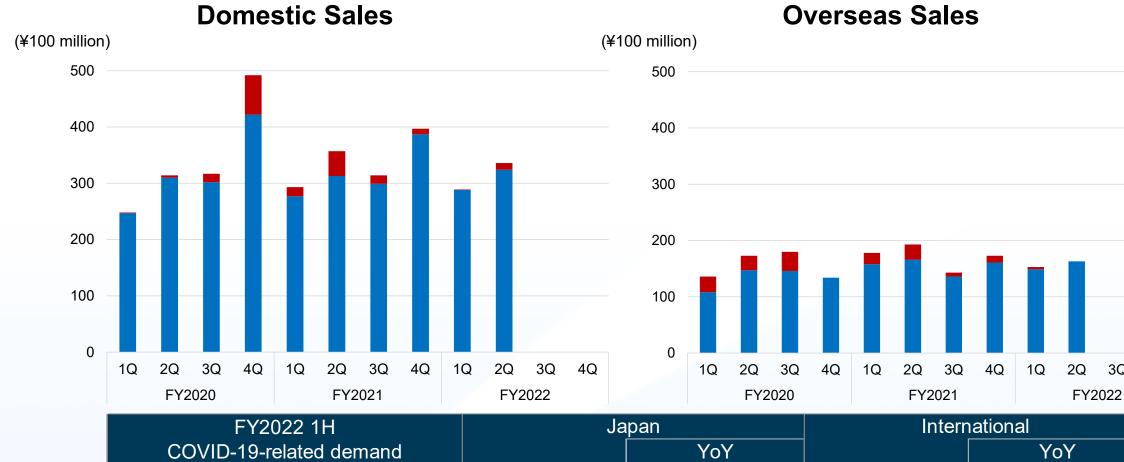
approx. -¥2.3 bil

approx. -¥0.9 bil

approx. -¥0.4 bil

approx. -¥3.6 bil

4Q



approx. ¥0.9 bil

approx. ¥0.4 bil

approx. ¥1.3 bil

NIHON KOHDEN

approx. -¥3.1 bil

approx. -¥1.6 bil

approx. -¥4.7 bil

approx. ¥0.2 bil

approx. ¥0.1 bil

approx. ¥0.1 bil

approx. ¥0.4 bil

6) Financial Condition

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

| | FY2021 | First half FY2022 | Change | | FY2021 | First half FY2022 | Change |
|-----------------------------|---------|----------------------|----------|--------------------------------|---------|----------------------|--------|
| Current Assets | 171,875 | 168,213 | -3,662 | Current Liabilities | 50,804 | 43,905 | -6,899 |
| Inventories | 48,367 | 57,886 | 9,519 | Interest-bearing Debt | 325 | 325 | |
| Property, Plant & Equipment | 19,920 | 20,604 | 683 | Non-current Liabilities | 3,016 | 2,962 | -53 |
| Intangible Assets | 3,737 | 4,293 | 556 | Net Assets | 156,381 | 162,424 | 6,043 |
| Investments & Other Assets | 14,667 | 16,180 | 1,512 | | | | |
| Total Assets | 210,201 | 209,292 | -909 | Total Liabilities & Net Assets | 210,201 | 209,292 | -909 |
| | | | <u> </u> | | | | |

| Inventory Turnover | 6.1 months | 7.1 months | | Equity Ratio | 74.4% | 77.6% | |
|--------------------|------------|------------|--|--------------|-------|-------|--|
|--------------------|------------|------------|--|--------------|-------|-------|--|

[Reasons for the increase of inventories]

 Inventories increased by ¥9.5 billion in response to tight supply of components. (Inventories of finished goods and parts increased by ¥5.1 billion and ¥4.2 billion, respectively.)

7) Capital Investments and R&D Costs

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

| | First half FY2021 | First half FY2022 | FY2021 Actual | FY2022Original forecast announced May 13Revised forec announced Nov 9 | |
|---------------------|----------------------|----------------------|------------------|---|-------|
| Capital Investments | 814 | 2,125 | 3,022 | | |
| Depreciation | 1,561 | 1,711 | 3,422 | 3,700 | 3,900 |
| R&D costs | 2,658 | 2,911 | 5,711 | 6,300 | 6,400 |

FY2022 capital investment plan

Molds for new products, measuring equipment and jigs, products for demonstration, and production equipment

Establishment of new reagent factory in India Total investments: approx. ¥1.1 bil

FY2022: ¥1.0 bil FY2023: ¥0.1 bil

> **FY2022: ¥0.4 bil** FY2023-FY2024: ¥2.1 bil

Construction: Started in September 2022, and planned to be completed in Spring 2023 Operation: Planned to start in Spring 2024

Introduction of PLM/MES* systems

Capital investments: approx. ¥2.5 bil

PLM: Planned to start operation in FY2023 2H MES: Planned to start operation in FY2024

13

*PLM: Product Life-cycle Management, MES: Manufacturing Execution System.

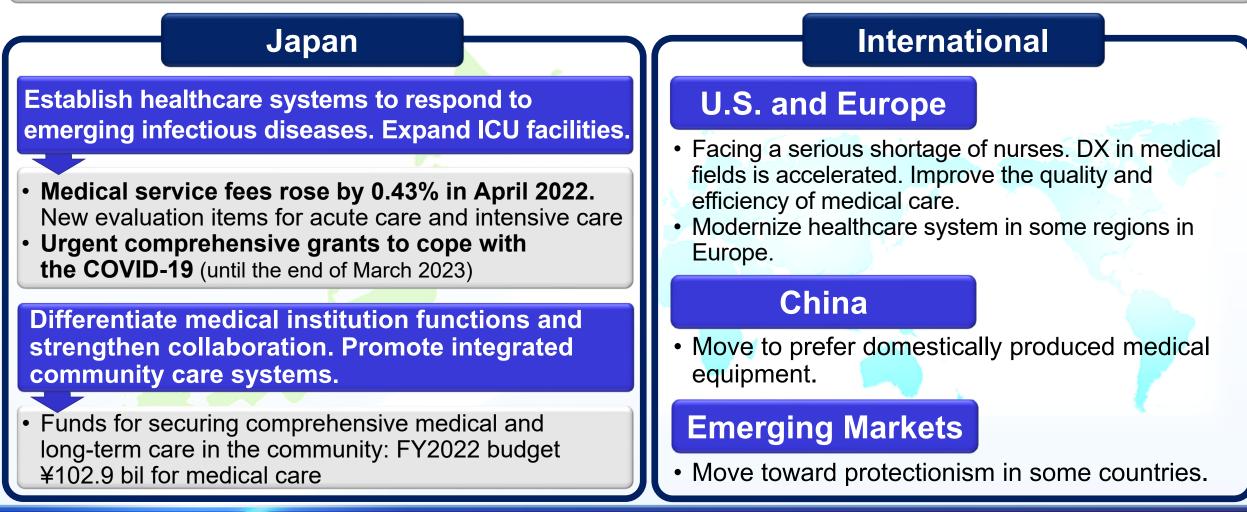
NIHON KOHDEN © Copyright NIHON KOHDEN CORPORATION All Rights Reserved





1) Business Environment

The global economy is showing signs of slowdown due to tight monetary policy in the U.S. and Europe. In response to higher prices of components and resources, the Company will raise the prices of its products and consumables from FY2022 2H.



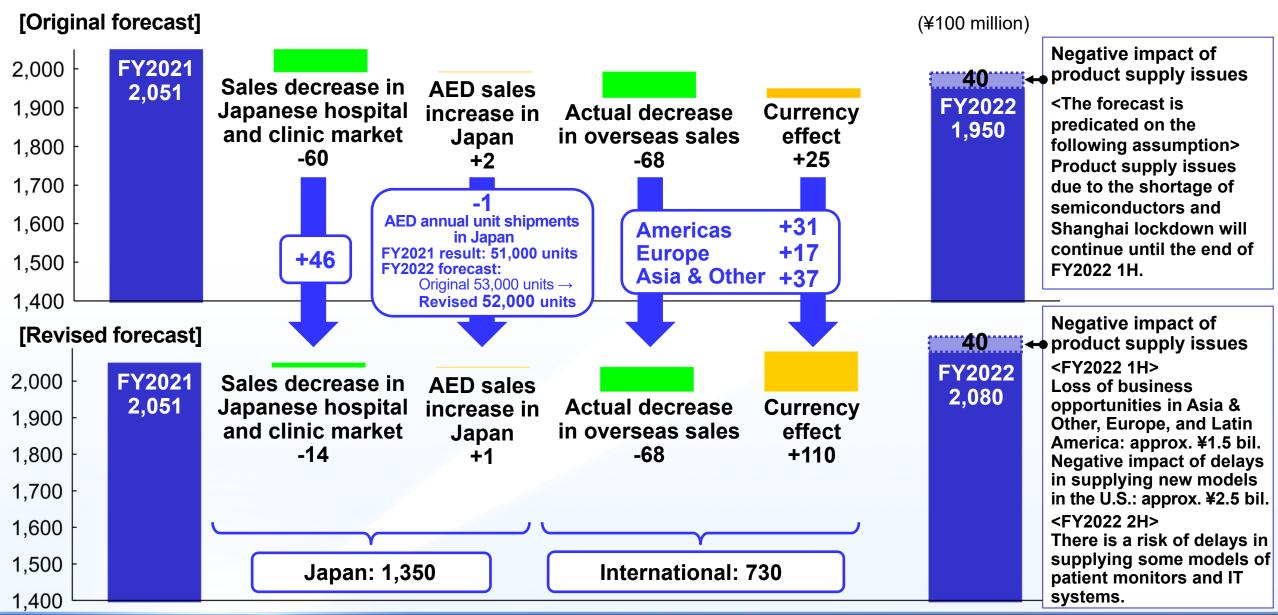
🔁 NIHON KOHDEN

2) Forecast for FY2022

| | FY2021 | FY2022 Forecast | | YoY | (Amounts of less | than ¥1 mill | ion are rour | nded down) | |
|------------------------------|-----------|---------------------------------------|-------------------------------------|-------|--------------------------------|--------------|--|--|------|
| | Actual | Original forecast announced May 13 | Revised forecast announced Nov 9 | (%) | | | | | |
| Sales | 205,129 | 195,000 | 208,000 | 1.4 | | | | | |
| Domestic Sales | 136,321 | 130,500 | 135,000 | -1.0 | | | | | |
| Overseas Sales | 68,807 | 64,500 | 73,000 | 6.1 | -10% on a local currency basis | | | sis | |
| Gross Profit | 109,085 | 98,200 | 105,200 | -3.6 | Breakdowr | n of overse | eas sales | by region | |
| (Gross Profit Margin) | 53.2% | 50.4% | 50.6% | | | FY2021 | | Forecast | YoY |
| Operating Income | 30,992 | 16,500 | 19,000 | -38.7 | | Actual | Original forecast announced May 13 | Revised forecast announced Nov 9 | (%) |
| (Operating Income Margin) | 15.1% | 8.5% | 9.1% | | Americas | 33,436 | 34,400 | 37,500 | 12.2 |
| Ordinary Income | 34,563 | 16,500 | 23,500 | -32.0 | | 11,449 | 10,100 | | 3.1 |
| Income Attributable | 23,435 | 11,000 | 16,000 | -31.7 | | , | , | , | |
| to Owners of Parent | 23,435 | 11,000 | 10,000 | -31.7 | Other | 23,921 | 20,000 | 23,700 | -0.9 |
| Percentage of overseas sales | 33.5% | 33.1% | 35.1% | | Total | 68,807 | 64,500 | 73,000 | 6.1 |
| Average exchange rate | | | | | FY2022 2H | | , | , | |
| 1 US Dollar | 111.3 yen | 117 yen | 135 yen | | 140 yen | | | | |
| 1 EURO | 130.6 yen | 130 yen | 139 yen | | 140 yen | | | | |

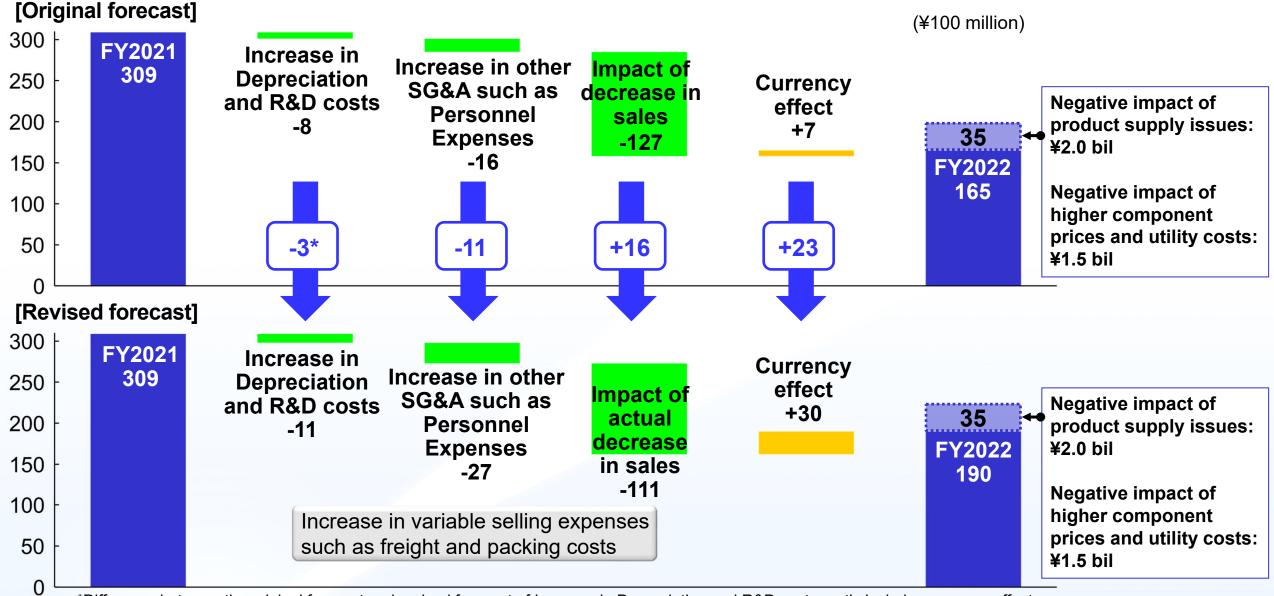
NIHON KOHDEN

3) Analysis of FY2022 Sales Forecast



Z NIHON KOHDEN © Copyright NIHON KOHDEN CORPORATION All Rights Reserved 17

4) Analysis of FY2022 Operating Income Forecast



*Difference between the original forecast and revised forecast of Increase in Depreciation and R&D costs partly includes currency effect.

NIHON KOHDEN
 © Copyright NIHON KOHDEN CORPORATION All Rights Reserved

(Ref.) Consolidated Forecast for FY2022 by Product Category/ Effect of Exchange Rates

| | FY2021 | FY2022 Forecast | | | YoY | | | | |
|-----------------------------------|---------|---------------------------------------|-------------------------------------|--------------------------|------|--|--|--|--|
| | Actual | Original forecast announced May 13 | Revised forecast announced Nov 9 | Composition ratio (%) | (%) | | | | |
| Physiological Measuring Equipment | 39,681 | 41,100 | 44,800 | 21.5 | 12.9 | | | | |
| Patient Monitors | 84,860 | 75,900 | 80,100 | 38.5 | -5.6 | | | | |
| Treatment Equipment | 43,388 | 41,000 | 42,800 | 20.6 | -1.4 | | | | |
| Other Medical Equipment | 37,198 | 37,000 | 40,300 | 19.4 | 8.3 | | | | |
| Total | 205,129 | 195,000 | 208,000 | 100.0 | 1.4 | | | | |
| (Reference) | · | · | | | | | | | |
| | | | | | | | | | |

| Consumables and Services | 90,576 | 94,800 | 101,300 | 48.7 | 11.8 | |
|--------------------------|--------|--------|---------|------|------|--|
|--------------------------|--------|--------|---------|------|------|--|

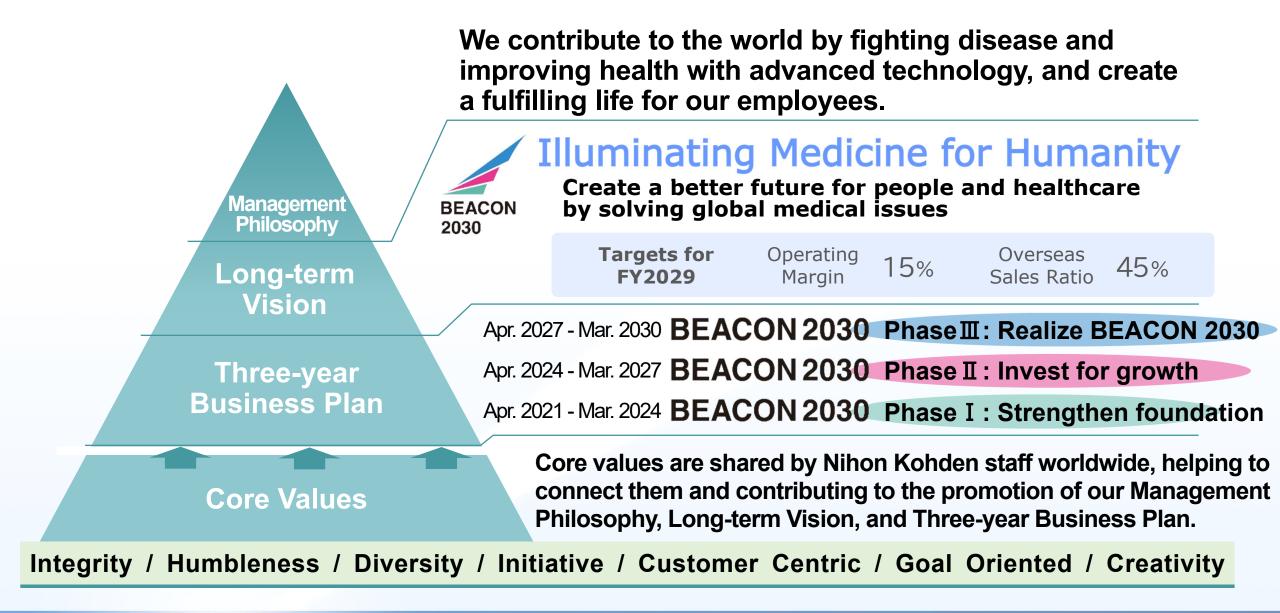
Estimated Exchange Rate Fluctuations for Full Fiscal Year

| | Sales | Operating Income |
|-----------|--------------|---------------------|
| US Dollar | 0.36 bil yen | 0.08 bil yen |
| EURO | 0.06 bil yen | 0.02 bil yen |





Long-term Vision and Three-year Business Plan





Embrace sustainability across business and corporate activities



Ensure strict compliance and strengthen group governance to reinforce the management structure

Business

Improve the profitability of existing businesses and obtain the resources to invest strategically for sowing seeds of new growth

Operations

Establish global SCM and strengthen core functions of operations to lay a foundation for global growth

Embrace Sustainability



Disclosure of material issues and results for KPIs

Cumulative targets for Three-year Business Plan Results for FY2021

AED Cumulative number of products sold: Over 350k units (worldwide, for 3 years)



Cumulative number of products sales: Over 85k units (worldwide, for 3 years)

MD Linkage

Cumulative number of

- Connected models: Over 7
- Connected units: Over 5k (worldwide, for 3 years)

Cumulative sales ratio of environmental-friendly products: Over 20% (for 3 years)

https://www.nihonkohden.com/sustainability/csr_management.html#materiality

Disclosure of information in line with TCFD^{*1} recommendations

- Disclosed information on Governance, Strategy, Risk Management, and Metrics and Targets
- ✓ To realize a carbon-free society
 - Promote setting SBT^{*2} of CO₂ emissions
 - Promote development of environmentfriendly products

*1 TCFD: Task Force on Climate-related Financial Disclosures.
*2 SBT (Science Based Target): Target of greenhouse gas emissions reduction set by each company for 5 to 15 years in the future in line with the levels sought under the Paris Agreement.

https://www.nihonkohden.com/sustainability/csr_environment.html#TCFD

Started NK Sustainability Initiatives

Discussions on sustainability are underway in each subsidiary and business unit worldwide.



NIHON KOHDEN

100k units

(achievement rate: 29%)

34k units

(achievement rate: 40%)

5 models

566 units

(achievement rate: 11%)

19.9%

(63 series)

(achievement rate: 71%)

Management Ensure strict compliance/Strengthen group governance

Implement recurrence prevention measures

 ✓ Continuous monitoring by the Committee for Implementation and Management of Recurrence Prevention Measures

1st Half

- Reviewed applications received through the donation website
- ✓ Established website for dealers Completed due diligence/pledge to comply with laws/announcement of whistle-blowing channel (Started in January 2022, Completed in October 2022)

2nd Half

 ✓ Compliance training by outside experts For managers of domestic sales branch offices and Domestic Business Operations (From October to November 2022)

Strengthen group governance

 ✓ Updated the Global Business Management Policy, Promote implementation by overseas subsidiaries, Formulate a policy for domestic department

Accounting Human Resources

Legal IT security

- ✓ Strengthen internal control over domestic sales
- Develop a sophisticated companywide risk management framework

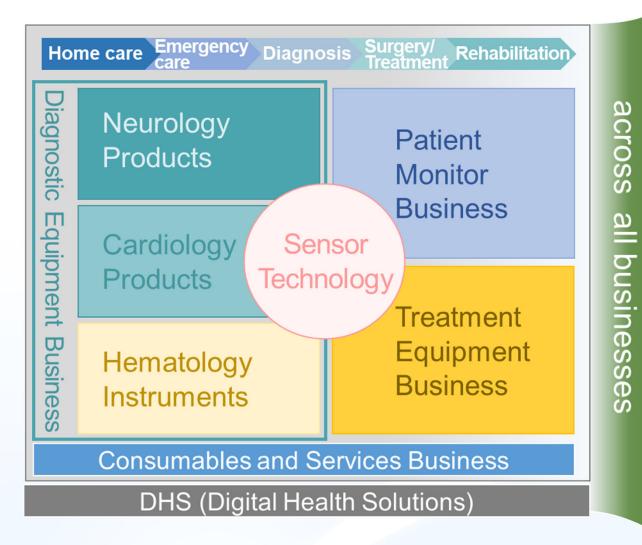
Business

Improve the Profitability of Existing Businesses

Common

mea

sures



Create high customer value

- Promote digital health solutions
- Enhance cybersecurity measures
- Expand the provision of medical device remote monitoring system (MD Linkage)

Improve productivity

- Establish a new common design platform
- Promote standardization and common parts
- Ensure strict lifecycle management

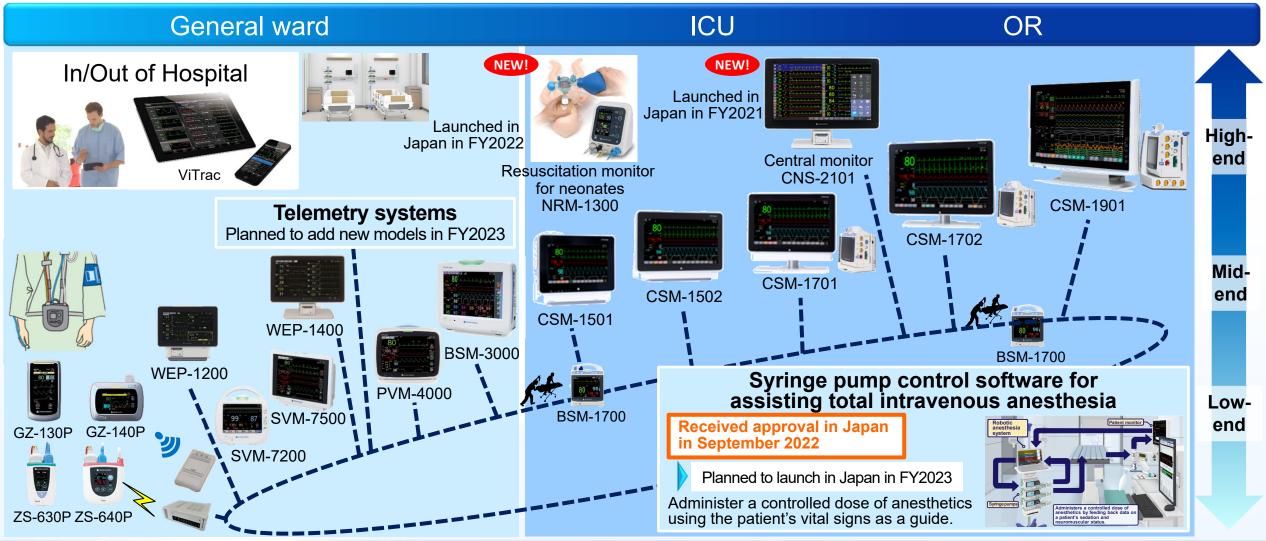
Timely launches of new products

- Achieve the highest level of quality in the world
- Enhance R&D and QA/RA structures

hig Φ stru . a loture

Patient Monitor Business

Create customer value by expanding product line-up and enhancing product capabilities



NIHON KOHDEN

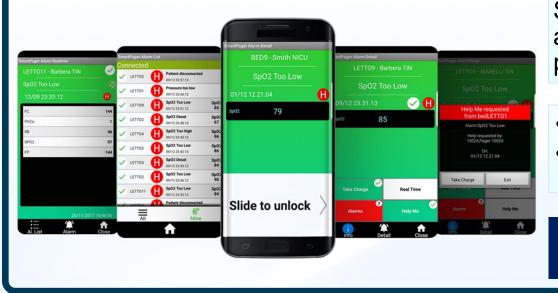
Realize Digital Health Solution Vision

Acquired Software Team Srl, Italy

- Head office: Milan, Italy
- Establishment: 1988
- Representative: Roberto Maggioni (CEO)
- Business: Development and sales of software for medical electronic equipment



- High affinity with our DHS (digital health solution) vision
- Àimed at strengthening solution proposals for patient monitors in Europe



Software that forwards data and alarms from medical devices such as patient monitors to mobile phones

- Reduce missed important alarms
- Prompt and appropriate treatment for patients

Improving the quality of medical care

🔀 NIHON KOHDEN

+ +

Diagnostic Equipment Business

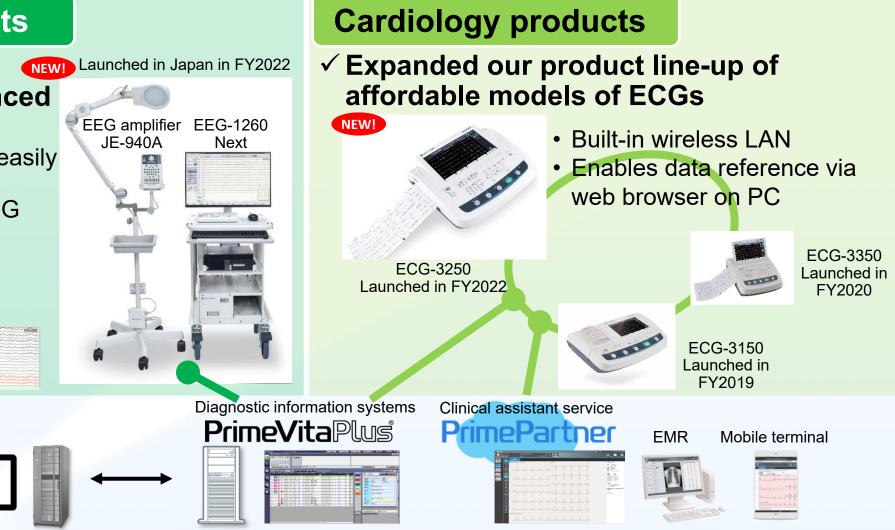
Create customer value by expanding product line-up and enhancing product capabilities

Neurology products

- ✓ Developed an EEG amplifier with enhanced network capabilities
- Enables EEG monitoring easily in wards and ICUs

EMR

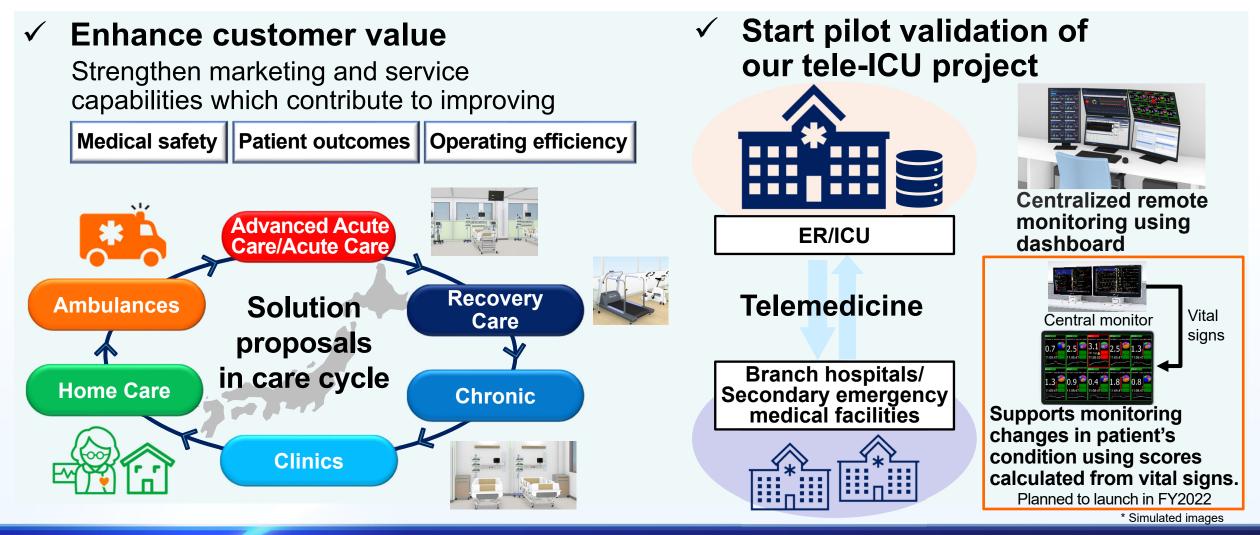
- Real time reference of EEG and video images on the mobile terminal
- Improved artifact (noise) removal function



🔀 NIHON KOHDEN

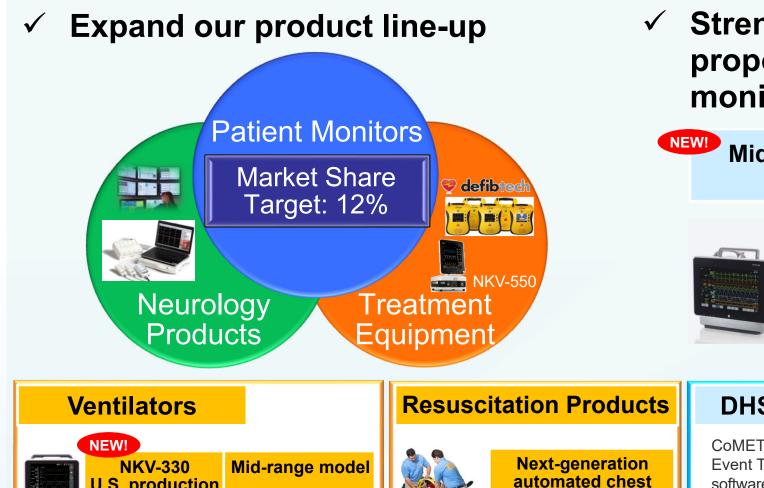
Strengthen Strategies in Global Business

Japan: Enhance solution proposals that contribute to improving quality of medical care and addressing medical issues



🔀 NIHON KOHDEN

U.S.: Expand business by integration and unification of seven local subsidiaries



 Strengthen our solution proposals for large-scale monitoring network systems



Launched in FY2022

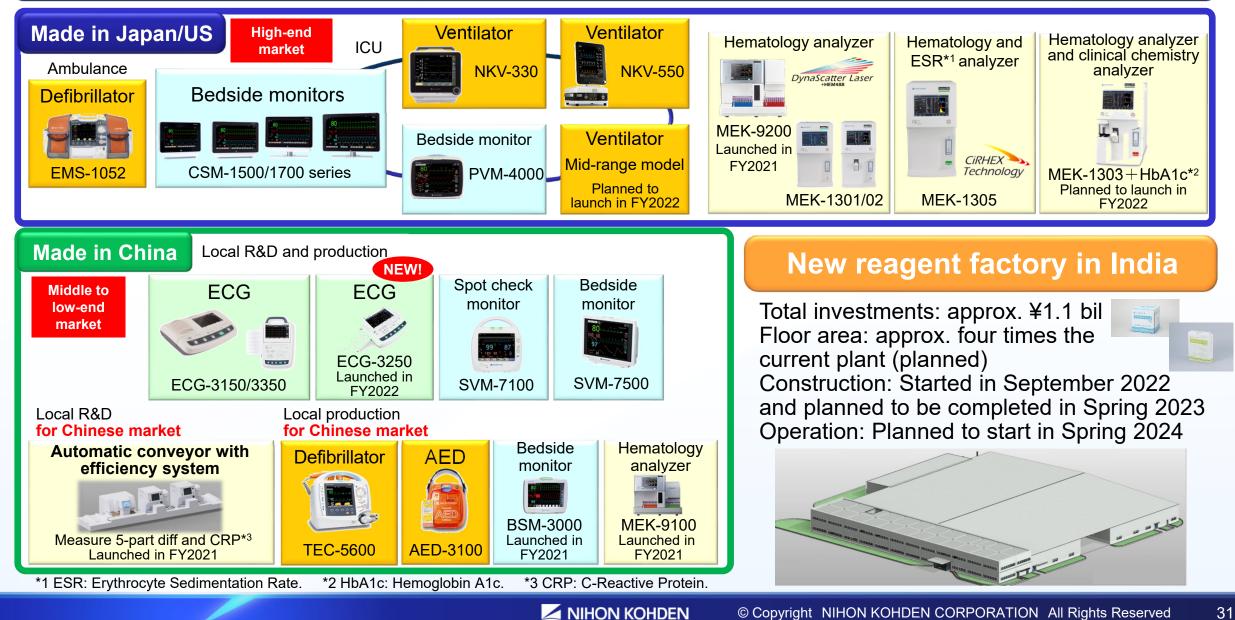


Enhanced product cybersecurity

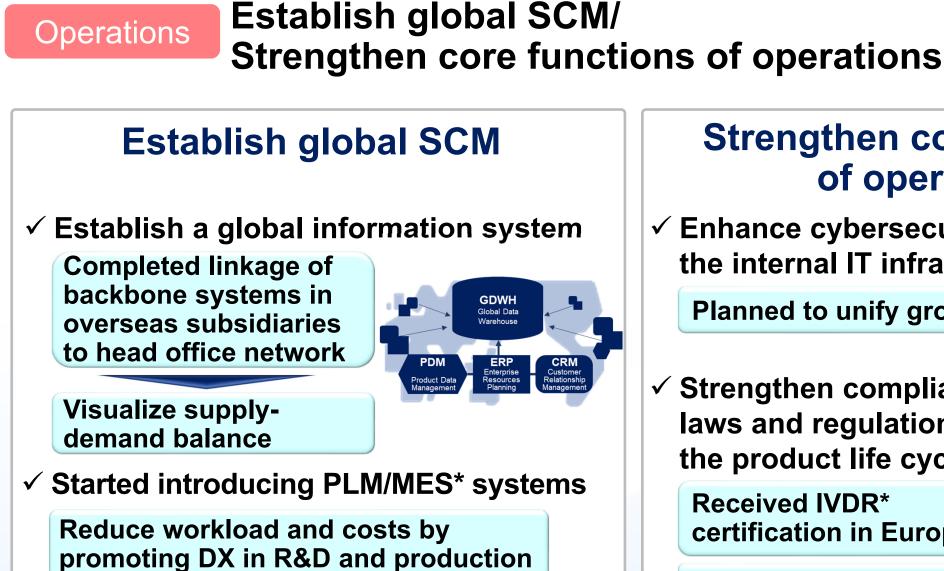
April CSM-1500 series September CSM-1700 series

Ventilators Resuscitation Products DHS (Digital Health Solutions) Amproving of Event Trajectories. Algorithms and software for patient condition management. NEW! NKV-330 Nid-range model in FY2022 Next-generation automated chest compression device Planned to launch in FY2022 CoMET®: Continuous Monitoring of Event Trajectories. Algorithms and software for patient condition management. Application for FDA approval in FY2022 Application for FDA approval in FY2022 Application for FDA approval in FY2022

Emerging Markets: Enhance solution proposals with new products made in Japan, the U.S. and Shanghai



© Copyright NIHON KOHDEN CORPORATION All Rights Reserved 31



*PLM: Product Life-cycle Management, MES: Manufacturing Execution System.

departments.

Strengthen core functions of operations

✓ Enhance cybersecurity of the internal IT infrastructure

Planned to unify groupware globally

✓ Strengthen compliance with the latest laws and regulations throughout the product life cycle

Received IVDR* certification in Europe



(August 2022)

Post-market surveillance

*IVDR: In Vitro Diagnostic Medical Device Regulation.

32

Targets for FY2023 ending March 2024

| | | | 203 |
|---|----------------------------|--------------------------------|-------------------|
| Net Sales | ¥197.0 bil | | Pha |
| Domestic Sales | ¥134.0 bil | Breakdown of overseas sales | by region |
| Overseas Sales (Overseas Sales Ratio) | ¥63.0 bil (32.0%) | Americas | ¥32.0 bil |
| Consumables and Services Sales Ratio | 48% or more | Europe | ¥10.0 bil |
| Gross Profit Margin | 50% or more | Asia & Other | ¥21.0 bil |
| Operating Income (Operating Income Margin) | ¥20.0 bil (10.2%) | | Three-year Plan |
| Income Attributable to Owners of Parent | ¥13.8 bil | R&D investments | Approx. ¥20.0 bil |
| ROE | 10% | Capital investments | Approx. ¥14.0 bil |
| Exchange rate assumptions: ¥10 | 2 to the U.S. dollar, ¥124 | to the euro | |

NIHON KOHDEN

BEACON

Basic Policy on Distribution of Profits and Dividends

Priorities: 1) Investment necessary for future business expansion 2) Dividends 3) Share buybacks



© Copyright NIHON KOHDEN CORPORATION All Rights Reserved

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. Information on products (including products under development) in this document is not intended to make any advertisement or promotion.