Healthcare Business

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Healthcare | Business Strategy

Vision Support improving quality of life for people through innovation

Achieved mid-term plan 3 years ahead of schedule

	FY 22	FY 23 Outlook	FY 25 Target	FY 25 New Target
Revenue	¥99.3B	¥95.0B	¥90.0B	Under
Operating Profit	¥11.5B	¥11.0B	¥10.0B	review

Achievements and management policy

■ Life Science Solutions FY 22: Revenue up 30%+ YoY.

- Continued to launch new products, including building out series of high-end systems, cloud and other products and services.
- Aim for double-digit growth by strengthening application development and developing private sector markets with a focus on drug discovery.

Eye Care Solutions FY 22: Revenue up about 30% YoY.

- Strengthening our sales force in each country to capture stable market growth.
- Aim for sustained growth on new diagnostic functions and modality development.

■ Contract Cell Manufacturing

- Nikon has achieved multiple accomplishments in contract manufacturing of regenerative medicine products approved in Japan. Solidifying our market reputation for quality technology.
- Aim to scale up our business by adopting promising projects including expansion of regenerative medicine commercial products already approved overseas and products are likely to be approved in Japan.



Business has steadily expanded by providing solutions that meet market needs

[Life Science] Generate New Value in the Stably Expanding Biological Microscope Market



*1: Market sizes and percentages are Nikon estimates based on various survey data (including 2022 microscopes and peripheral equipment and software).

Business Expansion in Drug Discovery Support [Life Science] ① (Drug Efficacy Evaluation and Cell Manufacturing)



*2: MARKETSANDMARKETS CELL CULTURE MARKET GLOBALFORCAST to 2024 FY25



[Life Science] ② Growth in Digital Pathology





Step 2 $(\underline{ICT}^{(*1)})$: Support remote pathology diagnosis accuracy and in-operation diagnosis

Remote diagnosis functions that will change conventional workflows of pathological diagnosis



Step 3 (<u>Cloud</u>): Share pathology images and support conferences

- Cloud-based efficiencies in pathologist workflows
- Relieve time and physical limitations on conference with shared data viewing





Initiatives aimed at individualized treatment leveraging composite data

•<u>Software & services</u>: Pathological diagnosis support leveraging AI technology

• Support pathologists with pathological diagnosis assistance leveraging AI (Dr. with AI)



•<u>Software & services</u>: Composite pathological diagnosis geared toward personalized treatment

 Promote individualized treatment with move toward multiple layers of pathological diagnosis modalities



Move toward multiple layers of information

*1: Information and Communication Technology; A general term for technologies that utilize IT to support communication between doctors and patients. *2 : MARKETSANDMARKETS DIGITAL PATHOLOGY MARKET FORECAST TO 2028

[Eye Care] Differentiation with Ultra-widefield in the Expanding Eye Screening Market





Growth potential

- Screening market for fundus cameras is growing (CAGR 5%).
- The number of patients is increasing, and the market is shifting from standard to ultra-widefield (UWF) models (UWF CAGR 11%).
- OCT market is expected to show stable growth in increased expectations for multi-point diagnosis of the fundus of the eye and deep, non-invasive observation (CAGR 5%).

Nikon's differentiating technologies (innovation)

- Promote composite diagnosis leveraging diagnosis results from multiple devices.
- Adding value through improved functionality and customers' workflow with cloud.
- Develop new diagnostic equipment leveraging Nikon's optical technology and Optos' laser technology.



*1 : Market size data are Nikon estimates based on various survey data.

*2: OCT(Optical Coherence Tomography) Technology for image diagnosis of the retina and cornea using light

[Eye Care] Technology Synergies between Nikon and Optos and Business Growth



*1: MarketsandMarkets "Total of Fundus Imaging Screening System market + Ophthalmology AI market + Ophthalmology PACS market" as of 2027

[Contract Cell Manufacturing] From Break-even to Profit Contribution Phase

Market scale



Growth potential

- The regenerative medicine industry is projected to grow 19% CAGR (from 2020 to 2030)
- CDMO is its largest market and projected to grow 28% CAGR
- It is highly expected to address unmet medical needs such as cancer and heart disease

Nikon's differentiated technologies (innovation)

- Business alliance with Lonza, one of the world's largest contract cell development and manufacturing company
- Nikon possesses one of Japan's largest GCTP/GMP^(*2) compliant production facility (7,500m²), which can support commercialization
- Nikon is pure CDMO(has no in-house projects) and can provide fully integrated services from process development through manufacturing commercial products.



Nikon's contract scale and target disease diversity

*1: Nikon forecasts based on March 2020 Ministry of Economy, Trade and Industry Evaluation Study Group for Industrialization of Regenerative Medicine and Gene Therapy *2: GCTP(Good Gene, Cellular, and Tissue-based Products Manufacturing Practice), GMP(Good Manufacturing Practice)



*1: Pharmaceuticals and Medical Devices Agency

(An Independent Administrative Institution under the authority of the Ministry of Health, Labour and Welfare of Japan that is responsible for reviewing and certifying pharmaceuticals and medical devices)