



Life is Rare

FY2025 Results Briefing Session

May 13, 2026

JCR Pharmaceuticals Co., Ltd.

[Securities code]4552, Prime. TSE

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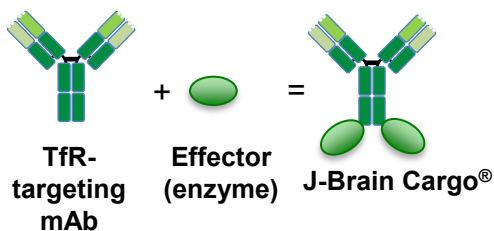
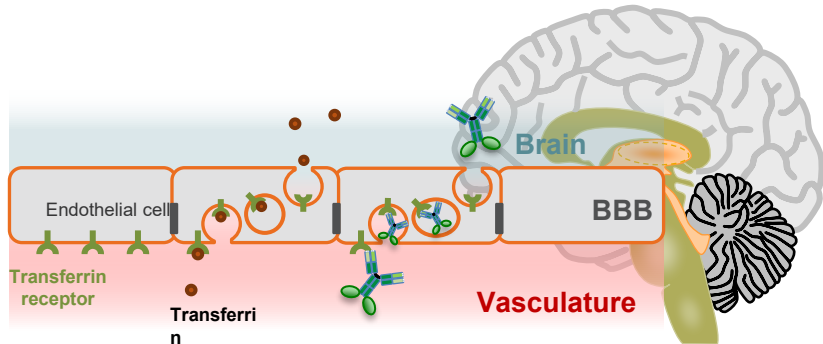
Achievements to Date and Future Outlook

Hiroyuki Sonoda, Ph. D.

Representative Director, President
Chief Scientific Officer

2021

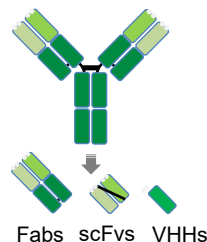
A pharmaceutical product (IZCARGO™) applying J-Brain Cargo® has received marketing approval in Japan



Platform expansion into new indications



Neuro Degeneration	Neuro inflammation
Neuro Oncology	Neuro-muscular Diseases
Proteins (Enzymes, Antibodies)	Gene therapy
Oligonucleotides (ASO, siRNA)	Lipid nanoparticles (mRNA, Compounds)



Code	Indication	Status				Milestones/Comments
		Preclinical	Phase 1	Phase 2	Phase 3	
JR-141	MPS II (Hunter syndrome)	Global Ph3				<ul style="list-style-type: none"> On track for ~FY2027: Approval in US, EU, Brazil
JR-142	Pediatric GHD	Ph3 (Japan)				<ul style="list-style-type: none"> Mar 2026: Patient enrollment completed
JR-401G	Pediatric GHD	Ph3 (Japan)				<ul style="list-style-type: none"> Apr 2026: Initiation of first dosing in Ph3 Dose comparison study of GROWJECT™ aimed at changing the approved dosage
JR-171	MPS I (Hurler syndrome etc.)	Global Ph1/2 completed				<ul style="list-style-type: none"> Partnering activities ongoing
JR-441	MPS IIIA (Sanfilippo syndrome type A)	Ph1/2 (Germany)				<ul style="list-style-type: none"> Ph1/2: Achieved 1-year clinical data for the initially planned dose groups Ph1: Patient enrollment completed Actively pursuing early approval in Japan
		Ph1 (Japan)				
JR-446	MPS IIIB (Sanfilippo syndrome type B)	Ph1/2 (Japan)				<ul style="list-style-type: none"> Recruitment of first cohort completed Actively pursuing early approval in Japan Partnered with MEDIPAL HOLDINGS
JR-471	Fucosidosis					<ul style="list-style-type: none"> Mar 2026: Initiation of natural history study Partnered with MEDIPAL HOLDINGS
JR-479	GM2 gangliosidosis (Tay-Sachs disease, Sandhoff disease)					<ul style="list-style-type: none"> Partnered with MEDIPAL HOLDINGS
Givinostat	Duchenne muscular dystrophy	Approved in the US, the EU and other countries				<ul style="list-style-type: none"> Under discussions with PMDA toward domestic approval by 2028

J-Brain Cargo®

- Alexion, AstraZeneca Rare Disease (Neurodegenerative disease, oligonucleotide therapeutics)
- Angelini Pharma (Epilepsy)
- Acumen Pharmaceuticals, Inc. (Alzheimer's disease)

JUST-AAV

- Alexion, AstraZeneca Rare Disease
- Modalis Therapeutics Corporation

Menagen Pharmaceutical Industries LLC

- Out-licensing of local marketing authorizations and commercialization rights for Agalsidase Beta BS (Nine MENAT markets)

Platform
licensing

Asset
licensing

MEDIPAL HOLDINGS CORPORATION

- Out-licensing of therapies for ultra-rare diseases (JR-471, JR-446, JR-479)

Global
Expansion of
Japan-approved
products



High
Value-Added
Contract
Manufacturing

SanBio Co., Ltd.

- Contract manufacturing for pilot production toward commercial manufacturing of Akuugo®

Strategic in-
licensing of rare
disease therapies

Italfarmaco S.p.A.

- In-licensing of givinostat for duchenne muscular dystrophy
- Strategic collaboration in rare disease therapies

1 Multifaceted MoA: Increases muscle regeneration and reduces fibrogenesis, adipogenesis, and immune/inflammatory responses

- HDAC inhibition mechanism enabling mutation-independent use

2 Regulatory approvals outside Japan

- Regulatory approvals in the US, the EU and other countries¹
- Achieved the primary endpoint in a placebo-controlled Phase III clinical trial²
(mean change in the 4SC study (shown on the right))

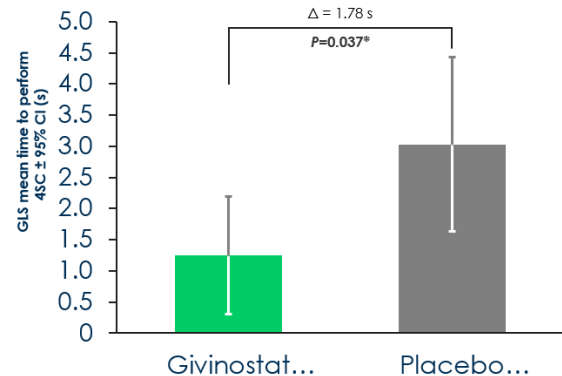
3 Ongoing Studies Aimed at Expanding Clinical Evidence

- Phase III study in non-ambulatory DMD patients ([NCT05933057](https://clinicaltrials.gov/ct2/show/study/NCT05933057))
- Phase II study in DMD patients aged 2-5 years ([NCT06769633](https://clinicaltrials.gov/ct2/show/study/NCT06769633))

4 Strong commercial potential in Japan

- ~3,500 individuals in Japan diagnosed with DMD³
 - Over 1,000 individuals: Ambulatory, ≥6 years of age⁴
 - Over 3,000 individuals: ≥6 years of age⁴

Mean change from baseline in time to perform the 4SC test at 72 weeks (non-log transformed)



*Data are means and 95% confidence intervals. The confidence intervals have not been adjusted for multiplicity and should not be used for hypothesis testing. Baseline mean values were 3.39 s and 3.48 s for the givinostat and placebo groups, respectively. All patients were also receiving systemic corticosteroids in a dose and regimen that was to remain unchanged over the follow-up period.

DMD, duchenne muscular dystrophy; HDAC, histone deacetylase; 4SC, 4-stair climb.

1. US: Approved for patients with DMD aged 6 years and older, EU: Conditionally approved for ambulatory DMD patients aged 6 years and older and already being treated with corticosteroids

2. Mercuri E et al. *Lancet Neurol.* 2024;23(4):393-403. 3. Kawai M. *No To Hattatsu.* (Japanese) 2013;45(Suppl.):S324

4. Company estimates based on Remudy (Registry of Muscular Dystrophy) and Nakamura H et al. *Orphanet J Rare Dis.* 2013;8:60

Toward **¥100 billion** revenue in the 2030s

Enabled by three growth drivers



Domestic Sales

Expansion of domestic product sales and revenue growth from in-licensed products



Platform licensing revenue

Growth in licensing revenue through out-licensing of platform technologies



Overseas revenue (LSD pipeline)

Expansion of overseas revenue through out-licensing of the LSD pipeline

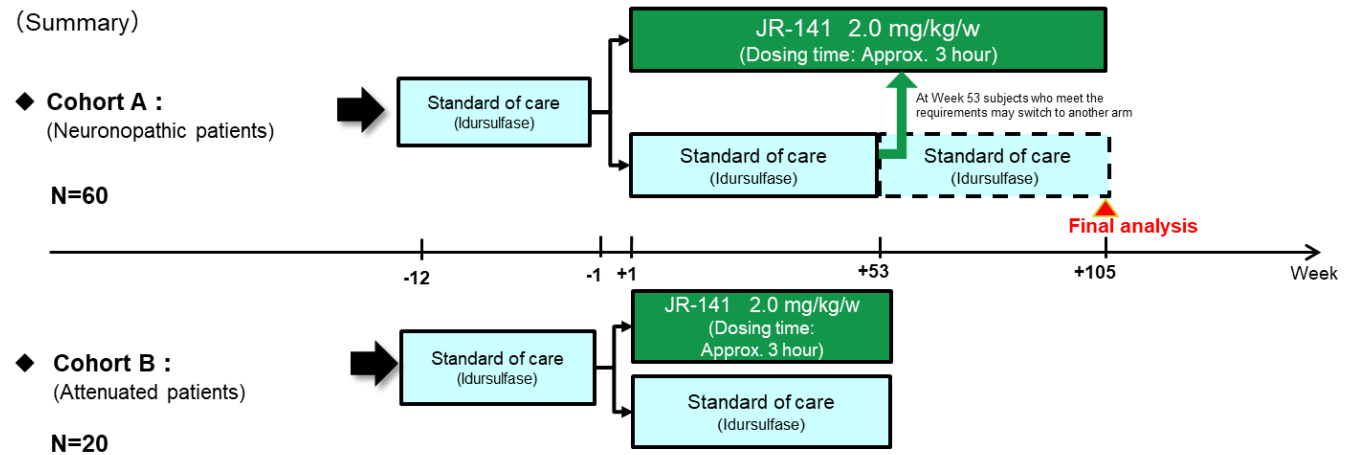
Progress on Developmental Pipelines

Anne Bechet

Managing Executive Officer
Executive Director, Development Division
General Manager, JCR Europe B.V.
CEO, JCR USA Inc.

JR-141 (pabinafusp alfa: BBB-penetrating ERT for MPS II)

Global Phase III study (JR-141-GS31): STARLIGHT study Overview



Constructive meeting took place with FDA in June 2025

Enrollment of the target number of 80 participants achieved in July 2025

On track to obtain approvals in the US, EU, and Brazil in FY2027

Code	Indication	Status				Milestones/Comments
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FY2025 Consolidated Financial Results

FY2026 Consolidated Financial Forecasts

Yoh Ito

Managing Executive Officer

Executive Director, Corporate Strategy Division

- The prior-year results shown in this document have been revised to reflect corrections to certain items in the Consolidated Financial Results for the Year ended March 31, 2025 (FY2024) (Japanese standard).

(Unit : million yen)

Consolidated	FY2024	FY2025		
	Results	Results	Year-on-year	
			Difference	Ratio
Net Sales	33,072	40,319	+7,247	+21.9%
Cost of Sales	10,902	10,134	(767)	(7.0)%
Gross Profit	22,169	30,185	+8,015	+36.2%
Selling, General and Administrative Expenses	28,389	29,629	+1,240	+4.4%
SG&A Expenses	12,958	12,867	(90)	(0.7)%
R&D Expenses	15,431	16,761	+1,330	+8.6%
Operating profit	(6,219)	555	+6,775	-
Non-operating Income	260	1,449	+1,188	+455.5%
Non-operating Expenses	1,088	839	(248)	(22.9)%
Ordinary profit	(7,046)	1,165	+8,212	-
Extraordinary Income	1,065	2,091	+1,026	+96.3%
Extraordinary Losses	2	32	+30	-
Profit before Income Taxes	(5,983)	3,224	+9,208	-
Income Taxes	(1,523)	1,046	+2,569	-
Profit Attributable to Owners of Parent	(4,460)	2,178	+6,638	-
Reference: R&D Expenses before Deducting Contribution Amount by Collaborative R&D Destinations	16,994	18,398	+1,403	+8.3%

Additional Remarks

- Net sales increased mainly due to higher product sales, including IZCARGO™, as well as growth in contract-related revenue.
- The cost of sales ratio (excluding contract revenue) declined significantly year-on-year; however, excluding raw material disposal losses recorded in the prior year, it remained broadly unchanged.
- R&D expenses increased due to higher clinical development costs and upfront payment for license rights, while the prior year included inventory disposal losses.
- Non-operating income increased as a result of foreign exchange gains and gains on the sale of investment securities.
- Non-operating expenses decreased, mainly due to a reduction in equity-method investment losses and foreign exchange losses.
- Subsidy income was recorded as extraordinary income following confirmation of the subsidy for the Kobe Science Park Center (API Plant).

Net Sales	FY2024	FY2025	Difference
Cost of Sales Ratio	33.0%	25.1%	(7.9)%
Cost of Sales Ratio *Excluding contract revenue	32.2%	27.6%	(4.6)%
R&D Expenses Ratio	46.7%	41.6%	(5.1)%
Operating Profit Ratio	(18.8)%	1.4%	+20.2%

Breakdown of Net Sales (Consolidated)

(Unit: million yen)

Consolidated	FY2024	FY2025		
	Results	Results	Year-on-year	
			Difference	Ratio
GROWJECT™	18,098	17,933	(164)	(0.9)%
IZCARGO™	5,718	6,766	+1,047	+18.3%
TEMCELL™ HS Inj.	2,904	2,831	(73)	(2.5)%
Treatments for renal anemia	3,784	3,622	(162)	(4.3)%
Epoetin Alfa BS Inj. [JCR]	1,690	1,121	(569)	(33.7)%
Darbepoetin Alfa BS Inj. [JCR]	2,093	2,501	+407	+19.5%
Agalsidase Beta BS I.V. Infusion [JCR]	1,149	1,292	+142	+12.4%
Total Core Products	31,655	32,446	+790	+2.5%
Contract revenue	517	5,549	+5,032	+972.8%
Other	898	2,323	+1,425	+158.5%
Total Net Sales	33,072	40,319	+7,247	+21.9%

Additional Remarks

- Sales of GROWJECT™, IZCARGO™, and TEMCELL™ HS Inj. remained solid and exceeded the announced plan.
- Sales of the Treatments for renal anemia were in line with the supply plan for Kissei Pharmaceutical Co., Ltd.
- Sales of Agalsidase Beta BS I.V. Infusion [JCR] were in line with the supply plan for Sumitomo Pharma Co., Ltd.
- Contract revenue consisted of upfront payments and milestone income under existing agreements.

(Unit: million yen)

	End-Mar. 2025	End-Mar. 2026	Change • Main Increase/decrease		End-Mar. 2025	End-Mar. 2026	Change • Main Increase/decrease
Current assets	51,487	56,076	Total +4,588 • Accounts receivable - trade, and contract assets +1,927 • Inventories +1,813	Current liabilities	43,683	48,135	Total +16,448 • Short-term borrowings +15,637
				Non-current liabilities	13,431	13,741	Total (11,686) • Special suspense account for tax purpose reduction entry (11,750)
Non-current assets	53,361	53,160	Total (201)	Total liabilities	57,114	61,877	Total +4,762
				Total net assets	47,734	47,359	Total (375) • Dividends paid (2,442) • Profit attributable to owners of parent +2,178
Total	104,849	109,236	4,386	Total	104,849	109,236	4,386

Additional Remarks

- Inventories increased due to higher raw materials and supplies.
- Short-term borrowings increased due to financing for construction of the new drug product manufacturing plant and working capital.
- Following the finalization of subsidies for the Kobe Science Park Center (API plant), both the deferred subsidy account and the related subsidized tangible fixed assets decreased.

	End-Mar. 2025	End-Mar. 2026
Equity ratio	45.1%	42.9%

(Unit : million yen)

Consolidated	FY2025	FY2026(Forecast)		
	Results	Forecast	Year-on-year	
			Difference	Ratio
Net Sales	40,319	45,700	+5,381	+13.3%
Cost of Sales	10,134	10,600	+466	+4.6%
Gross Profit	30,185	35,100	+4,915	+16.3%
Selling, General and Administrative Expenses	29,629	33,900	+4,271	+14.4%
SG&A Expenses	12,867	14,500	+1,633	+12.7%
R&D Expenses	16,761	19,300	+2,539	+15.1%
Operating Profit	555	1,100	+545	+98.2%
Ordinary Profit	1,165	500	(665)	(57.1)%
Profit Attributable to Owners of Parent	2,178	200	(1,978)	(90.8)%
Reference: R&D Expenses before Deducting Contribution Amount by Collaborative R&D Destinations	18,398	24,300	+5,902	+32.1%

Additional Remarks

- Net sales are forecast to exceed the previous fiscal year, mainly due to higher contract revenue.
- SG&A expenses are forecast to increase, mainly due to higher fees and commissions. R&D expenses are also forecast to rise, reflecting progress in global and domestic clinical trials.
- Operating profit is forecast to increase, as higher sales will offset higher expenses.
- Ordinary profit and profit attributable to owners of parent are forecast to decrease, as foreign exchange gains, gains on sales of securities, and subsidy income recorded in the previous fiscal year are not expected this fiscal year.

Net Sales	FY2025	FY2026 (Forecast)	Difference
Cost of Sales Ratio	25.1%	23.2%	(1.9)%
Cost of Sales Ratio *Excluding contract revenue	27.6%	26.7%	(0.9)%
R&D Expenses Ratio	41.6%	42.4%	+0.8%
Operating Profit Ratio	1.4%	2.6%	+1.2%

(Unit : million yen)

Consolidated	FY2025	FY2026(Forecast)			
	Results	Forecast	Year-on-year		
			Difference	Ratio	
GROWJECT™	17,933	17,500	(433)	(2.4)%	
IZCARGO™	6,766	6,900	+134	+2.0%	
TEMCELL™HS Inj.	2,831	2,700	(131)	(4.6)%	
Treatments for renal anemia	3,622	3,700	+78	+2.2%	
Epoetin Alfa BS Inj. [JCR]	1,121	1,400	+279	+24.9%	
Darbepoetin Alfa BS Inj. [JCR]	2,501	2,300	(201)	(8.0)%	
Agalsidase Beta BS I.V. Infusion [JCR]	1,292	2,000	+708	+54.8%	
Total Core products	32,446	32,900	+454	+1.4%	
Contract revenue	5,549	8,100	+2,551	+46.0%	
Other	2,323	4,500	+2,177	+93.7%	
Total net sales	40,319	45,700	+5,381	+13.3%	

Additional Remarks

- GROWJECT™ sales are forecast to decrease due to NHI drug price revisions, despite sales volume remaining largely unchanged.
- IZCARGO™ sales are forecast to continue increasing, driven by an increase in treated patients.
- TEMCELL™ sales are forecast to decrease due to changes in the competitive environment.
- Renal anemia products and Agalsidase Beta BS I.V. Infusion [JCR] are forecast to remain solid, with sales in line with supply plans for distribution partners.
- Contract revenue is forecast to exceed the previous fiscal year, driven by new product out-licensing agreements and progress in existing joint research projects.



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Appendix



GROWJECT™

Indication	Dosage
Short stature due to growth hormone deficiency without epiphyseal closure	0.175 mg/kg/week
Short stature associated with Turner syndrome without epiphyseal closure	0.35 mg/kg/week
Adult growth hormone deficiency (limited to severe cases)	0.021~0.084 mg/kg/week
Short stature due to small for gestational age (SGA) without epiphyseal closure	0.23~0.47 mg/kg/week
Short stature associated with SHOX deficiency without epiphyseal closure	0.35 mg/kg/week

For daily growth hormone products, **dose adjustment according to patient treatment response is permitted outside of Japan**

(In the US, dose adjustment is allowed within the range of 0.175–0.3 mg/kg/week)

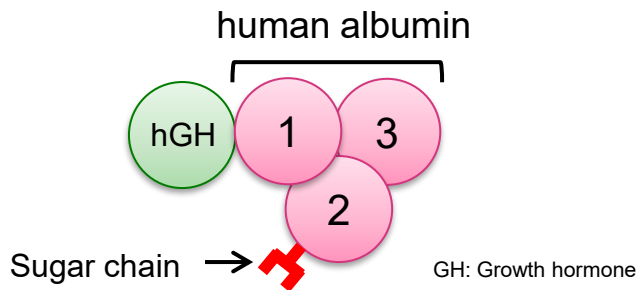


To bridge the gap between Japanese and international dosing practices and to improve final adult height and quality of life (QOL), **JCR has initiated development of an adjustable dosing regimen for growth hormone therapy in Japan**

JR-142

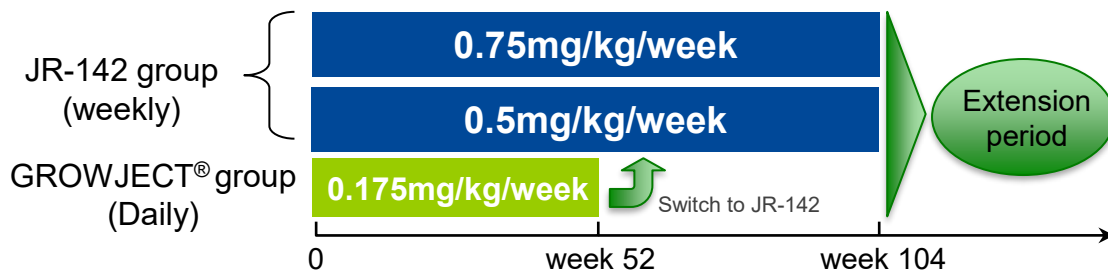
Long-acting growth hormone (rDNA origin)
Indication: Pediatric growth hormone deficiency

Modified albumin-fused GH



In-house development of fusion protein with modified albumin glycosylation to improve blood retention

Phase III study design



Overview

Objective

- Verify the non-inferiority, and evaluate the efficacy and safety of JR-142 to GROWJECT®

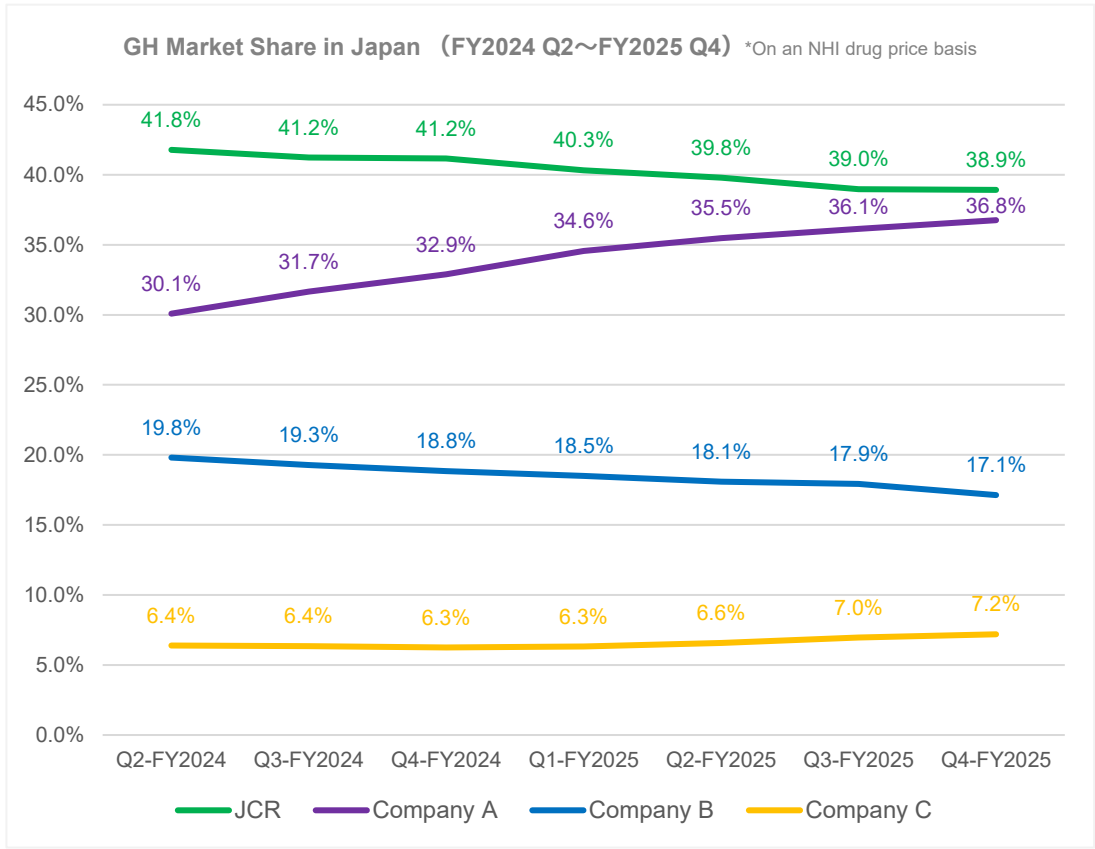
Endpoint

- Change in height SDS for chronological age from the first administration (Week 52)

Target number of patients

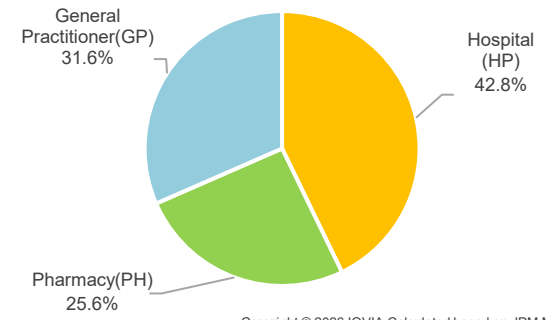
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Completed the patient enrollment



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Human Growth Hormone Market in Japan



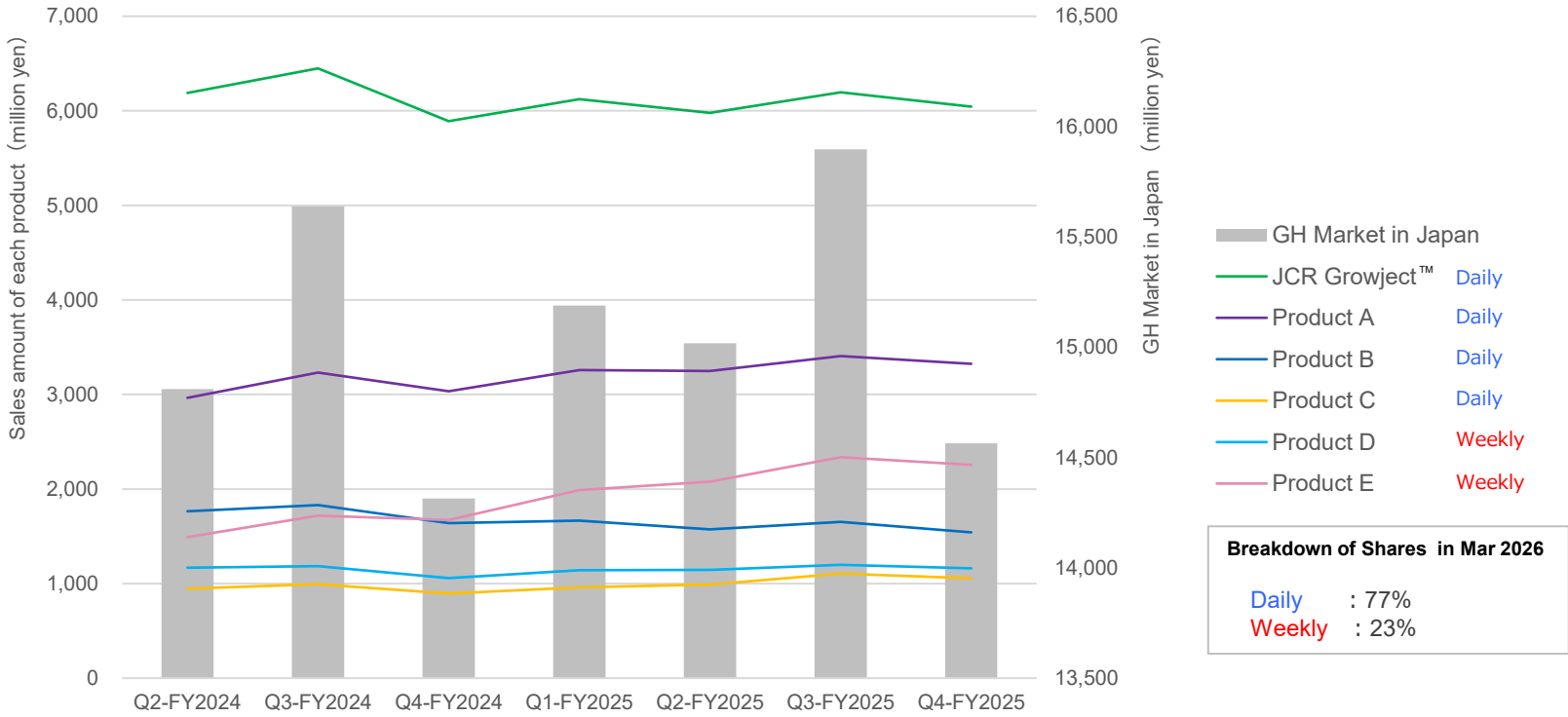
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*Market definition by JCR Reprinted with permission

GROWJECT™ Market Share by buyer

	Mar 2026	Sales Change FY2025 Q4 (vs. FY2024 Q4) *On an NHI drug price basis
HP Market	31.1%	-88 million yen
PH Market	29.2%	-48 million yen
GP Market	56.0%	-85 million yen

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GH Sales Trends in Japan (FY2024 Q2~FY2025 Q4) *On an NHI drug price basis

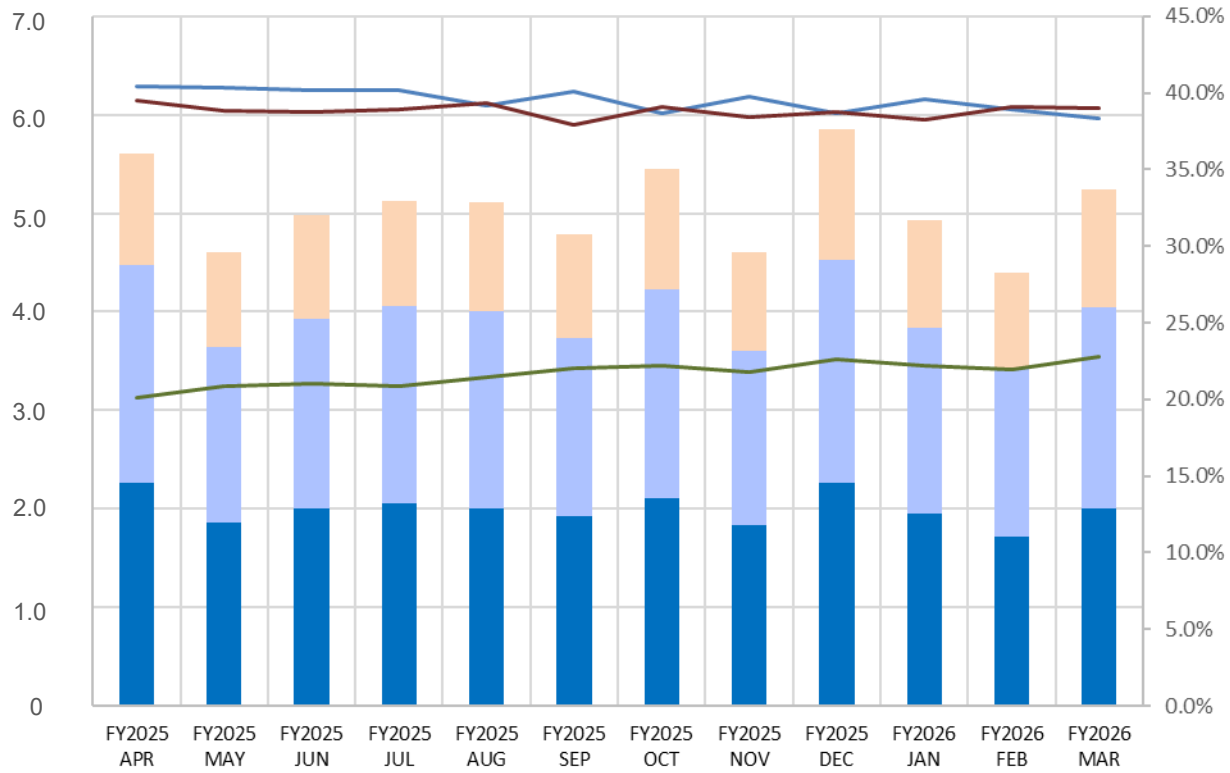


Breakdown of Shares in Mar 2026

Daily : 77%

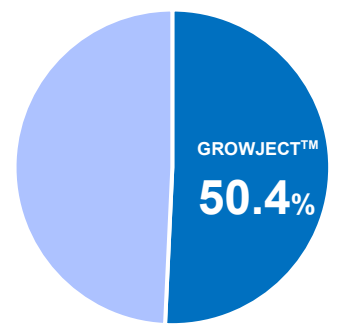
Weekly : 23%

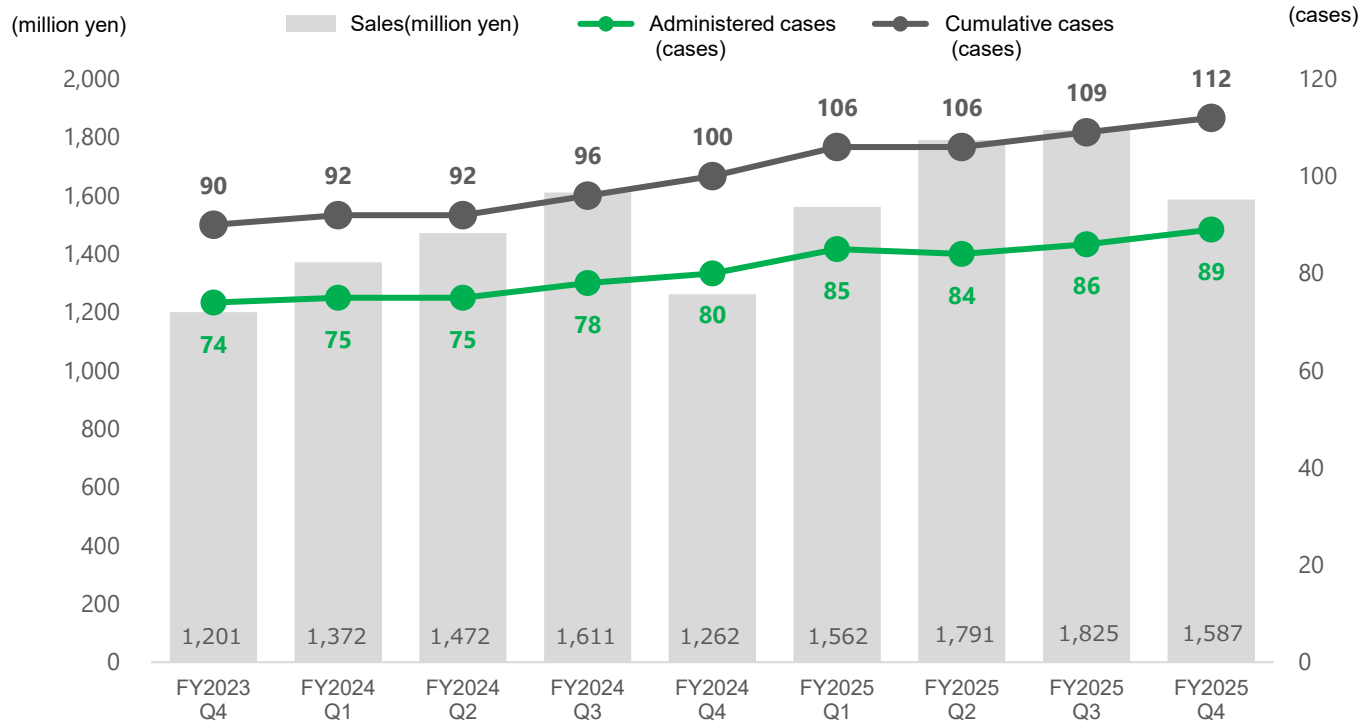
(billion yen)

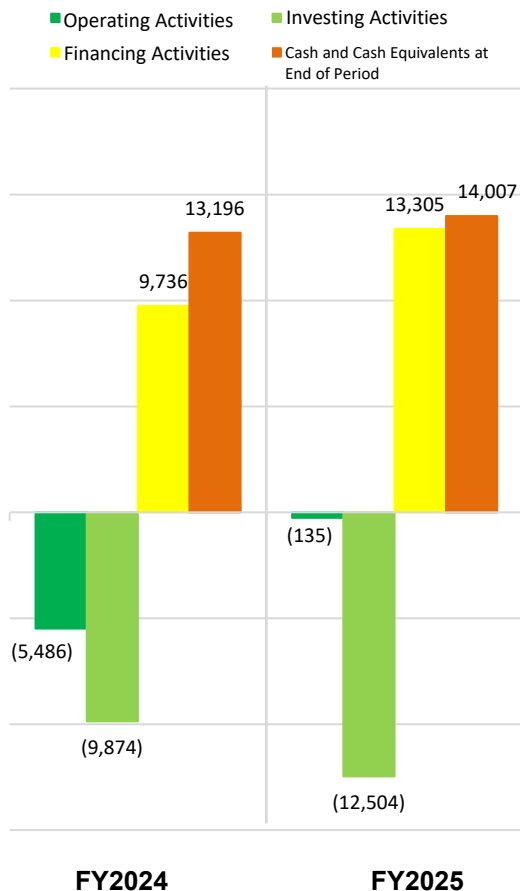


- Weekly Sales
- Daily Sales (except GROWJECT™)
- GROWJECT™ Sales
- Daily Shares (except GROWJECT™)
- GROWJECT™ Shares
- Weekly Shares

Daily Shares
APR 2025-MAR 2026







	FY2024	FY2025	Difference
(Unit: million yen)			
Profit before income taxes	(5,983)	3,224	9,208
Depreciation	3,374	2,557	(816)
Decrease (increase) in trade receivables and accounts receivable – other	2,453	(1,925)	(4,379)
Decrease (increase) in inventories	(1,253)	(1,853)	(599)
Increase (decrease) in trade payables and accounts payable – other	(36)	(106)	(69)
Income taxes paid	(2,284)	763	3,048
Other	(1,755)	(2,796)	(1,040)
Operating Activities	(5,486)	(135)	+5,350
Capital investment(property, plant and equipment)	(9,973)	(11,581)	(1,607)
Other	99	(922)	(952)
Investing Activities	(9,874)	(12,504)	(2,629)
Borrowings	14,805	15,787	982
Dividends paid/ treasury shares	(5,014)	(2,433)	2,580
Other	(54)	(47)	6
Financing Activities	9,736	13,305	+3,569
Net increase (decrease) in cash and cash equivalents	(5,559)	811	+6,371
Cash and Cash Equivalents at End of Period	13,196	14,007	+811
	FY2024	FY2025	
Depreciation	3,374	2,557	
Capital investment	9,973	11,581	

AAV	Adeno-associated virus	アデノ随伴ウイルス
BBB	Blood-brain barrier	血液脳関門
CNS	Central nervous system	中枢神経系
ERT	Enzyme replacement therapy	酵素補充療法
FDA	Food and Drug Administration	米国食品医薬品局
GH	Growth hormone	成長ホルモン
GHD	Growth hormone deficiency	成長ホルモン分泌不全性低身長症
i.v.	Intravenous injection	静脈注射
JBC	J-Brain Cargo®	-
LSD	Lysosomal storage disorders	ライソゾーム病
MENAT	Middle East, North Africa and Turkey	中東、北アフリカ、トルコ
MPS	Mucopolysaccharidosis	ムコ多糖症
mRNA	messenger RNA	伝令RNA
Ph I	Phase I	臨床第 1 相試験
Ph II	Phase II	臨床第 2 相試験
Ph III	Phase III	臨床第 3 相試験
R&D	Research and development	研究開発
TfR	Transferrin receptor	トランスフェリン受容体
YTD	Year to date	年度累計