

July 28, 2021

The Manager, Listing Department The National Stock Exchange of India Ltd. Exchange Plaza, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051 NSE Symbol : PANACEABIO

Sub.: Investor Presentation

BSE Limited Corporate Relationship Department, Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai - 400 001 BSE Scrip Code: 531349

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The Company will use this presentation for meetings with analysts / institutional investors.

This is for your kind information and record please.

Thanking you,

Sincerely yours,

for Panacea Biotec Ltd.

Vinod Goel Group CFO and Head Legal & Company Secretary

Encls: As above



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Panacea Biotec Ltd.

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We

Innovate

To create value

We Collaborate We Believe in Better Health Live Well Live Longer



We are Pioneers BUILDING ON THE GROWTH MOMENTUM

INVESTOR PRESENTATION

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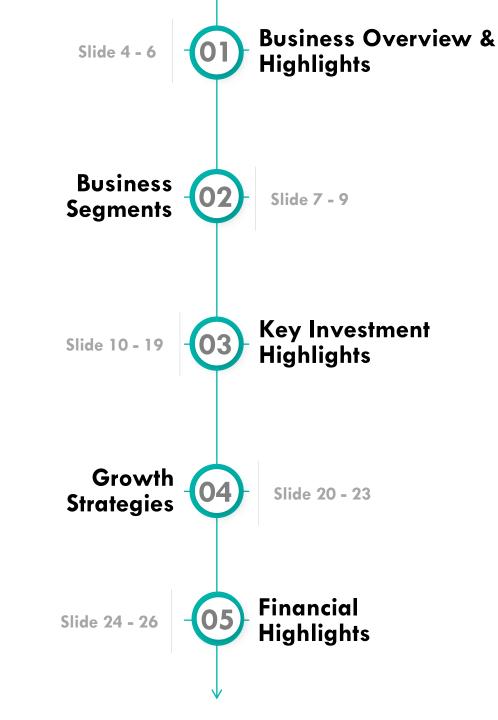
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Business Overview & Highlights

- OVERVIEW AND GROUP STRUCTURE
- KEY MILESTONES
- PANACEA BIOTEC AT A GLANCE

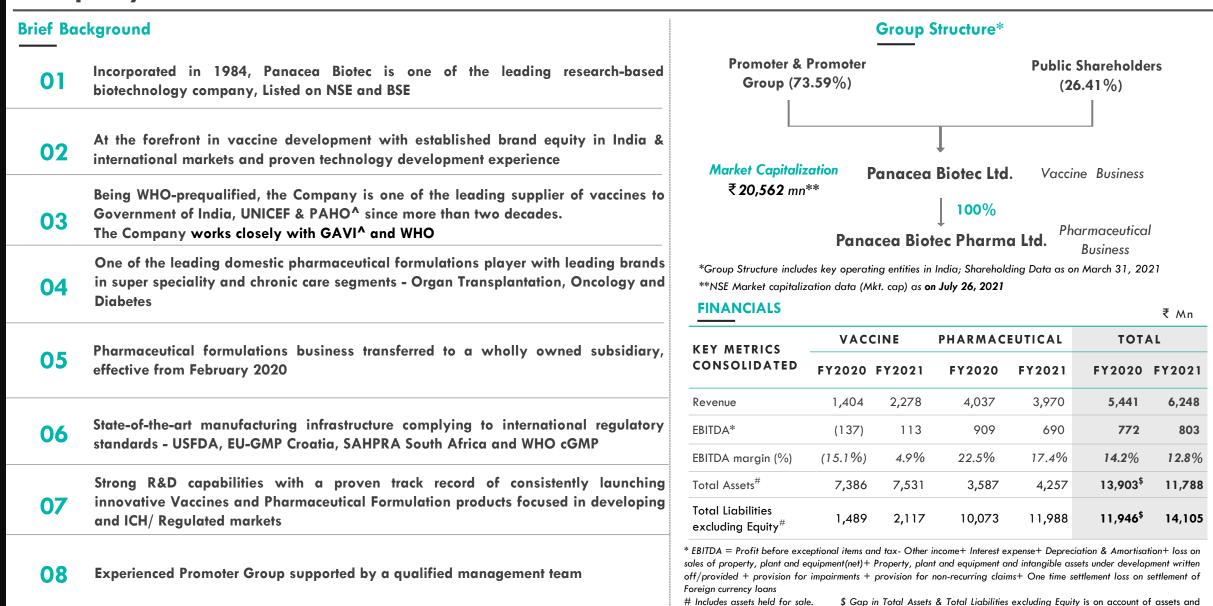
HIGHLIGHTS

BUSINESS OVERVIEW &

05

Company Overview





Note: ^ PAHO - Pan American Health Organization; GAVI - Global Alliance for Vaccines and Immunization

liabilities pertaining to Real estate business, which is classified discontinued operations. Figures have been rounded off to ₹ Mn

Our Journey



HUMBLE BEGINNINGS

1984





Founder, Promoter, Director of Panacea Biotec and has been the Chairman since October 1984, having 50+ years of experience in the pharmaceutical industry

SOSHIL KUMAR JAIN CHAIRMAN

- 1984 : Founded by Mr. Soshil Kumar Jain
- **1988 :** Established production facilities for vaccines
- **1989 :** Established production facilities for pharmaceutical formulations
- 1995 : IPO of INR 180 mn
- 2003 : WHO pre-qualification for tetravalent vaccine (DTwP-HepB) and Oral Polio Vaccine
- 2005 : Launch of world's first wP based fully liquid Pentavalent vaccine (DTwP-HepB-Hib) Easyfive

SAILING THROUGH EBB & FLOW

2006

2006 : Commissioned cGMP compliant pharmaceutical formulation facility at Baddi

FCCB issue of US\$ 100 mn

2008 : WHO pre-qualification for Pentavalent Vaccine Easyfive

> Commenced commercial production at Vaccine Formulation facility at Baddi

2010 : USFDA approval for Pharmaceutical Formulations facility at Baddi

> Received supply award of US\$ 222 mn from UNICEF for Easyfive vaccine for CY2010-2012

- 2011 : Delisting of pentavalent vaccine by WHO
- 2013 : Regained WHO pre-qualification for Pentavalent Vaccine
- 2014 : Strategic alliance with Apotex for development, license and supply of 2 complex generic drugs in USA, Canada, Australia and New Zealand

PRISM OF POSSIBILITIES

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· **2015**

2016 Onwards

- 2017 : Launch of world's first wP based fully liquid Hexavalent vaccine (DTwP-HepB-Hib-IPV) - EasySixTM
- 2018 : Agreement with Natco Pharma and Breckenridge Pharmaceutical Inc. for Azacitidine injection for US markets

Granted Authorized Generic status for ANDA of Paclitaxel protein bound particles

- 2019 : Fund raise of INR 7,750 mn from IndiaRF
- 2021 : Collaboration with Russian Direct Investment Fund (RDIF) to manufacture 100 mn doses of Covid-19 vaccine Sputnik V

Continuous focus on R&D spends, good manufacturing practices and cost rationalization initiatives throughout the journey

Business Segments

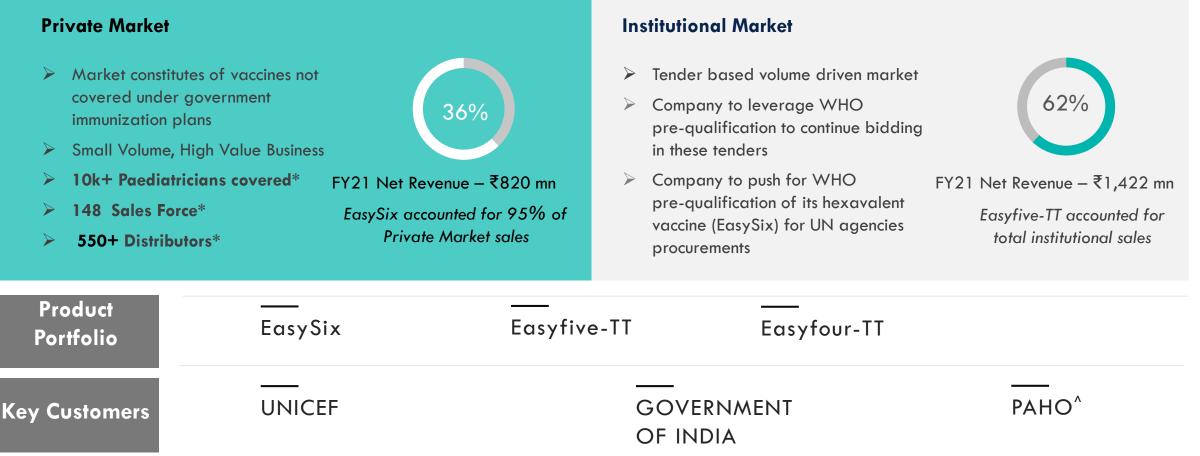
- VACCINE BUSINESS
- PHARMACEUTICAL FORMULATION BUSINESS



Vaccines - Leading player in key pediatric vaccines

- > Panacea Biotec is one of the largest vaccine manufacturing Company in India
- We believe that we have played a pivotal role in eradication of polio by supplying billions of doses of WHO pre-qualified oral polio vaccine over last two decades
- Robust vaccine portfolio with high market potential built upon a strong R&D foundation

6th Larget Vaccine Company in India¹



Note: Other Operating Income accounted for 2.0% of FY21 Net Revenue; * As on 31st March 2021 ^ PAHO - Pan American Health Organization 1. As of March 31, 2021 in represented markets. Sathguru business report

Pharmaceutical Formulations - Strong domestic franchise with export focus

Domestic market (including Nepal)



- Strong focus on niche and high growth segments Organ Transplantation, \geq **Oncology and Diabetes management**
- Operates through 4 SBUs Transplant & Immunology, Oncotrust, Diacar Alpha and Procare
- 70 brands; with 11 brands among Top 3 in represented market \geq
- Specialist sales force of 730+ personnel* and over 2,200+ distributors* \geq

10th Larget Pharma Company in India¹

Panacea Biotec

Innovation in support of life

- 4 products already commercialized including Tacrolimus; Rizatriptan Prasugrel & Azacitidine
- USA to be one of the key focus market, with opportunistic expansion in Europe, Australia and Canada
- Strong sales growth of 67.0% and 50.0% in FY20 & FY21 respectively \geq
- Front end partnerships with leading global generic pharma companies Apotex Inc.; Bionpharma Inc. & Breckenridge Pharmaceutical Inc.

Rest of the World (RoW) Markets



- Strong global footprint with exports to 30+ countries*
- Key Products Mycept, PanGraf, Alphadol, Toff Plus, Glizid-M, Nimulid, PacliAll \geq
- Partnerships with leading local distributors in respective countries \geq

FY21 Revenue – ₹816 mn

Note: Other Operating Income accounted for 1.0% of FY21 Net Revenue

ANZ)



FY21 Revenue – ₹822 mn



Key Investment Highlights

- PIONEER IN VACCINE BUSINESS
- LEADING DOMESTIC FORMULATIONS PLAYER
- STATE-OF-THE-ART MANUFACTURING FACILITIES
- ESTABLISHED R&D CAPABILITIES
- LEVERAGING GROWTH ALLIANCES
- VISIONARY PROMOTER GROUP



Key Strengths







One of the leading domestic formulations player - Strong brands in niche segments



State-of-the-art manufacturing facilities with large capacities





Leveraging alliances for growth



Strong Promoter Group supported by experienced management team

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Established vaccine business with strong legacy

Established vaccine development capability with three firsts to its credit

EasySix DTwP-Hib-HepB-IPV



Fully Liquid Hexavalent Vaccine

First to launch fully liquid wP based hexavalent vaccine in the world

Currently market leader in domestic private market (for wP based combination vaccines)

Patented in India & several other countries

WHO Prequalification to be initiated



Easyfive-TT DTwP-Hib-HepB

Fully Liquid Pentavalent Vaccine

First to develop and launch fully liquid wP based pentavalent vaccine in world

Supplied to recognized bodies such as to Government of India, UNICEF and PAHO

WHO Prequalified



T-OPV, bOPV, mOPV1, mOPV3

Oral Polio Vaccines

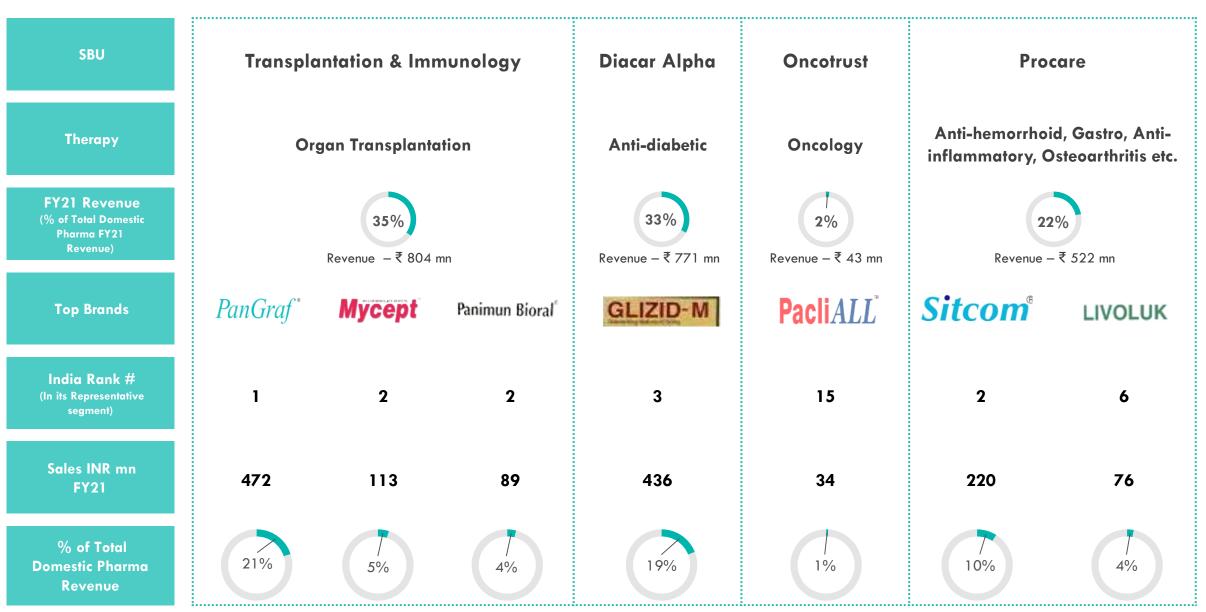
Has been one of the largest suppliers of OPV to institutional markets

We believe that we have played a pivotal role in eradication of polio by supplying billions of doses of WHO prequalified oral polio vaccine over last two decades

bOPV is WHO Prequalified

DTwP-Hib-HepB-IPV - Diphtheria, Tetanus, Pertussis, Hepatitis B, and Haemophilus Influenzae Type B and Inactivated Polio Vaccine

Leading domestic formulations player - Strong brands in niche segments



Source #: AIOCD AWACS Sales Data, MAT March 2021

Panacea Biotec

VACCINE

State-of-the-art manufacturing facilities with large capacities







Panacea Biotec

Innovation in support of life

Vaccine Drug Substance Facility, Lalru, Punjab

KEY INVESTMENT HIGHLIGHTS

15

State-of-the-art manufacturing facilities with large capacities







Pharmaceutical Formulation Facility, Baddi, Himachal Pradesh

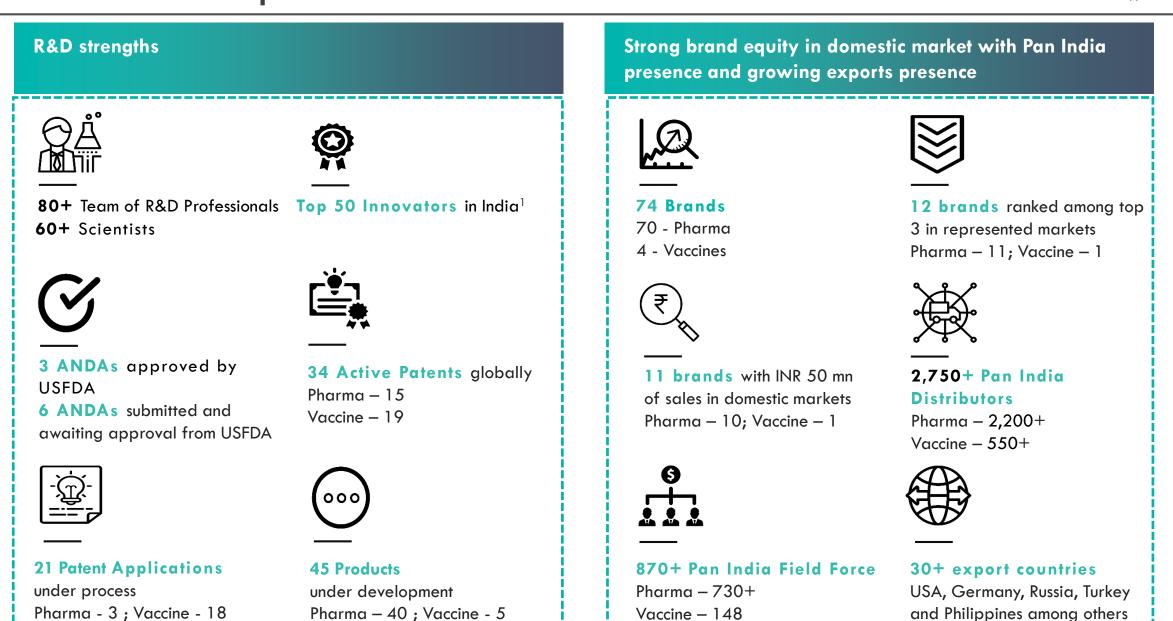


KEY INVESTMENT HIGHLIGHTS

16

Established R&D capabilities & brands and extensive distribution network







Collaborative approach to increase access to Innovative, Affordable and Quality vaccines for global population

Russian Direc	t Investment
Fund (RDIF)

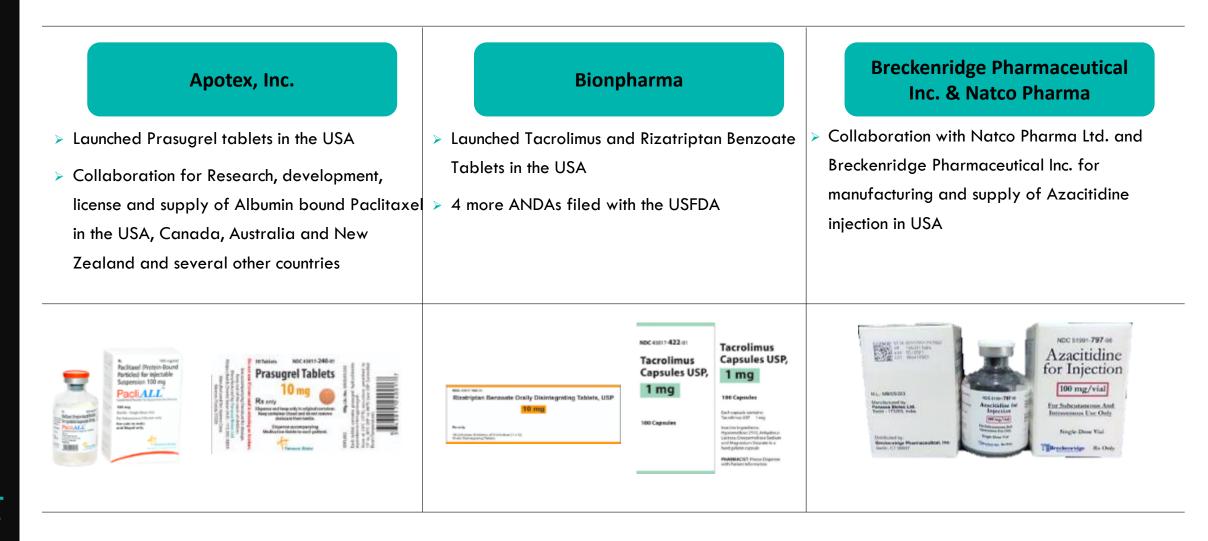
Agreement signed with RDIF to manufacture 100 mn doses per year of SPUTNIK V vaccine, the world's first registered vaccine against Corona virus Intravacc

In licensed technology from Intravacc Netherlands for production of sIPV vaccine and related quality control testing for commercialization in India and other international markets National Institutes of Health (NIH)

In-licensed the candidate tetravalent
 Dengue vaccine for development and
 commercialization in Asian and African
 countries

Leveraging Alliances for Growth – Pharmaceutical Formulations

Expanding presence in regulated markets through strategic collaborations



Promoter Group with Cumulative Experience of 80+ years





DR. RAJESH JAIN MANAGING DIRECTOR

- Directly oversees innovation and business development at Panacea Biotec
- PGDM and Ph.D. in Business Administration
- Appointed as Director in Nov. 1984 and has 36+ yrs. experience in the sector
- Chairman Cll National Committee on Biotechnology for 2020-21 and Vice President – IPA for 2017-19 and 2019-2021



SANDEEP JAIN JOINT MANAGING DIRECTOR

- Responsible for Panacea Biotec's international marketing, business development, tax laws and regulatory matters
- Appointed as Director in Nov. 1984 and has 36+ yrs. Experience in the sector



ANKESH JAIN DIRECTOR – SALES & MARKETING

- Oversees the Sales and Marketing, Clinical Data Management, Drug Regulatory, Quality Assurance and Project Management in Pharmaceutical Development.
- Holds degree of BSc in Pharmaceutical Management from University of Bradford, U.K with 8+ years of experience in the pharmaceutical industry.



HARSHET JAIN HEAD BUSINESS DEVELOPMENT (BIOLOGICALS)

- Leading the Business Development and program management for Biological business
- Holds MBA Strategy and Marketing, IE Business School Spain & BSc.(Business), Miami University
- 4+ years sales and marketing experience in pharmaceutical and vaccines.

- Strong mix of administrative and clinical work experience
- Well respected in the industry with strong customer relationships
- Deep rooted understanding of the Vaccines & Pharmaceutical Formulations industry
- Backed by a professional management with a perfect blend of experience and expertise

Growth Strategies

- VACCINE GROWTH STRATEGIES
- PHARMA GROWTH STRATEGY

Growth Strategies - Vaccines



Capitalize on Covid-19 Vaccine Opportunity

- Collaboration with RDIF for producing 100 mn doses.
- Technology transfer successfully completed
- Registration & Validation batches in progress
- Manufacturing permission received from DCGI
- > Dengue Vaccine & Pneumococcal Conjugate Vaccine offers huge market potential with limited players

Commercialization of Specialized Vaccines

- Unmet Need Dengue Vaccine Technology in-licensed from National Institutes of Health, USA. Phase I/II studies completed in India. Aim to initiate Phase III studies, subject to receipt of permission from DCGI.
- Unmet Demand Pneumococcal Conjugate Vaccine (PCV) Phase I studies for 11-valent vaccine completed. Aim to initiate Phase III studies, subject to receipt of permission from DCGI.

Leveraging upon wP based Hexavalent Vaccine

- > Scaling up EasySix vaccine sales in India with target of catching up 1 million newborn babies/ year
- Adoption of Hexavalent vaccine in the national immunization program of developing countries including India and UNICEF/ PAHO program. UNICEF is expected to start procurement of hexavalent vaccine from 2023 onwards for Middle Income Countries (MICs) and from 2024 onwards for GAVI supported countries.
- Registration in several developing countries initiated as part of international market penetration

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Consolidated Financial Highlights

• FINANCIAL HIGHLIGHTS

CONSOLIDATED REVENUES₹6,248 MN① 15%

Net Revenue in FY21 was ₹ 6,248 Mn, up 15% YoY
FY21 Vaccine Revenue at ₹2,278 Mn; up 62% YoY
FY21 Pharma Revenue at ₹3,970 Mn; down 2% YoY

CONSOLIDATED EBITDA *

₹803 мм

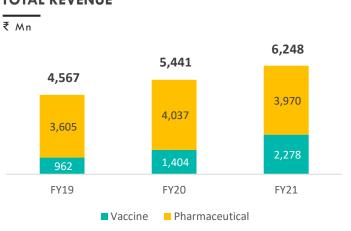
① 4%

- ➢ EBITDA grew 4% to ₹803 Mn in FY21 as against ₹ 772 Mn in FY20
- Pharma business earned EBITDA of ₹690 Mn in FY21 against ₹909 Mn in FY20. Decline was on account of lower sales due to pandemic
- ➤ Vaccine business earned EBITDA of ₹113 Mn in FY21 against loss of ₹ (137) Mn in FY20

CONSOLIDATED PAT

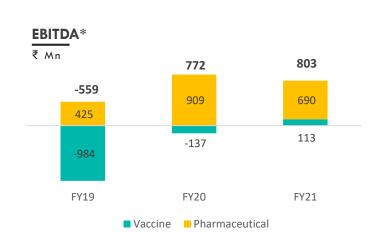
Loss reduced by 24% to ₹(1,477) Mn in FY21 against loss of ₹ (1,943) Mn in FY20

TOTAL REVENUE

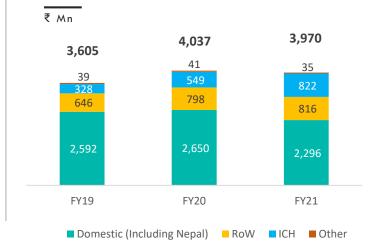


VACCINE REVENUE





PHARMACEUTICAL REVENUE



YoY

* EBITDA = Profit before exceptional items and tax- Other income+ Interest expense+ Depreciation & Amortisation+ loss on sales of property, plant and equipment(net)+ Property, plant and equipment and intangible assets under development written off/provided + provision for impairments + provision for non-recurring claims+ One time settlement loss on settlement of Foreign currency loans

Financial Highlights – Consolidated Profit & Loss Statement



KEY PERFORMANCE METRICS (₹ Mn)	VACCINE			PHARMACEUTICAL			CONSOLIDATED		
	FY19	FY20	FY21	FY19	FY20	FY21	FY19	FY20	FY21
Revenue from operations	962	1,404	2,278	3,605	4,037	3,970	4,567	5,441	6,248
EBITDA [#]	(984)	(137)	113	425	909	690	(559)	772	803
EBITDA Margin (%)	-102.3%	-15.1%	4.9 %	11.6%	22.5%	17.4%	12.4%	14.2%	12.8%
Profit / (Loss) Before Tax (PBT) and exceptional items from continuing operations							(2,855)	(1,562)	(1,443)
Profit / (Loss) Before Tax (PBT) after exceptional items from continuing operations							486	(1,712)	(1,442)
Profit / (Loss) After Tax (PAT) from continuing operations							409	(1,879)	(1,462)
PAT / (Loss) from discontinued operations							(32)	(64)	(15)
PAT/ (Loss) for the year							377	(1,943)	(1,477)

EBITDA = Profit before exceptional items and tax- Other income+ Interest expense+ Depreciation & Amortisation+ loss on sales of property, plant and equipment(net)+ Property, plant and equipment and intangible assets under development written off/provided + provision for impairments + provision for non-recurring claims+ One time settlement loss on settlement of Foreign currency loans

Financial Highlights – Summary of Consolidated Balance Sheet

	CONSOLIDATED				
KEY PERFORMANCE METRICS (₹ Mn)	FY19 FY20		FY21		
Assets					
Net Fixed Assets ¹	8,281	6,814	6,431		
Other Non-current Assets ²	396	256	247		
Total non-current assets	8,677	7,070	6,678		
Total Current assets ³	2,414	3,595	4,742		
Assets classified as held for sale and discontinued operations	2,664	3,238	367		
Total Assets	13,755	13,903	11,788		
Equity & Liabilities					
Equity attributable to owners of Holding Company	3,503	1,987	(2,287)		
Non-Controlling Interest	(30)	(30)	(30)		
Total Equity	3,473	1,957	(2,317)		
Non-Current Liabilities ⁴	899	7,394	9,848		
Total Current Liabilities ⁵	9,078	4,168	4,257		
Liabilities directly associated with discontinued operations	305	384	-		
Total Liabilities excluding Equity	10,282	11,946	14,105		
Total Equity & Liabilities	13,755	13,903	11,788		

1: Net fixed assets include property, plant and equipment, capital work in progress, other intangible assets, Intangible assets under development

2: Other Non-current assets include Investments, Financial assets, deferred tax (net), income tax assets (net) and other non-current assets

3. Total current assets include inventories, financial assets including trade receivables, cash and cash equivalent, other financial assets and other current assets

4. Non-current liabilities include Financial liabilities including borrowing, provisions and other non-current liabilities

5. Total non-current liabilities include Financial liabilities including borrowing and trade payables, other current liabilities, provisions and current tax liabilities (net)

Segmental Break up (₹ Mn)	FY19	FY20	FY21
Total Assets			
Vaccine	4,721	7,078	7,164
Pharmaceuticals	4,307	3,587	4,257
Real Estate (Discontinued Operations)	2,664	2,930	-
Assets held for Sale	-	308	367
Unallocated Corporate Assets	2,063	-	-
Total Assets	13,755	13,903	11,788
Liabilities excluding Equity			
Vaccine	779	1,489	2,117
Pharmaceuticals	2,295	10,073	11,988
Real Estate (Discontinued Operations)	305	384	_
Unallocated Corporate Liabilities	6,903	-	-
Total Liabilities excluding Equity	10,282	11,946	14,105





THANK YOU __

Panacea Biotec Limited

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