

WOCK/SEC/SE/2023-24/072

26<sup>th</sup> February, 2024

BSE Limited	National Stock Exchange of India Limited
Corporate Relations Department	Listing Department
P J Towers,	Exchange Plaza
Dalal Street	Bandra Kurla Complex, Bandra (E),
Mumbai - 400 001	Mumbai - 400 051
Scrip Code: 532300	<u>NSE Symbol – WOCKPHARMA</u>

Dear Sir/Madam,

## Subject: Disclosure under Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended – Investor Presentation

Pursuant to Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended, please find enclosed herewith a copy of the Investor Presentation for your records.

The said Investor Presentation has also been uploaded on the Company's website and can be accessed through the following link:

https://www.wockhardt.com/investors/analyst-investors/presentation/

You are requested to kindly take it on record.

Thanking you, Yours Sincerely,

Rashmi Mamtura Company Secretary

Encl.: A/a.





# Investor presentation

2024



#### Disclaimer

This presentation and the accompanying slides (the "**Presentation**") contain selected information about the activities of Wockhardt Limited ("**Company**") and its subsidiaries (together, the "**Group**") as at the date of this presentation. It does not purport to present a comprehensive overview of the Group or contain all the information necessary to evaluate an investment in the Company.

The information contained in this presentation is for information purposes only and does not constitute an offer or invitation to sell or, the recommendation or solicitation of an offer or invitation to purchase any securities of the Company in India, the United States or any other jurisdiction. This presentation should not, nor should anything contained in it, form the basis of, or be relied upon in any connection with any contract or commitment whatsoever.

This presentation is not intended to be a "prospectus" or " or "draft offer document" or "offer document" or "final offer document" or "offer letter" or "offering memorandum" (as defined or referred to, as the case may be, under the Companies Act, 2013 and the rules notified thereunder or any other applicable law, including the Securities and Exchange Board of India (Issue of Capital and Disclosure Requirements) Regulations, 2018, as amended). It is clarified that this Presentation is not intended to be a document or advertisement offering for subscription or sale of any securities or inviting offers or invitations to offer or solicitation to offer from the public (including any section thereof) or any class of investors. This document has not been and will not be reviewed or approved by a regulatory authority in India or elsewhere or by any stock exchange in India or elsewhere. The distribution of this presentation in certain jurisdictions may be restricted by law, and the recipients into whose possession the presentation come should inform themselves about and observe such restrictions. Any decision to purchase securities in the context of an offering of securities (if any) should be made solely on the basis of information contained in the offering documentation published in relation to such offering. You will be solely responsible for your own assessment of the market and the market position of the Group, and you will conduct your own analysis and be solely responsible for forming your own view of the potential future performance of the business of the Group.

This Presentation and the information contained herein, is strictly confidential and is intended only for the exclusive use of the recipients thereof, subject to the provisions stated herein, and may not be disclosed, reproduced, published, transmitted, summarized, distributed or furnished, in or whole or in part, or passed on directly or indirectly to any other person or persons whether within or outside your organization or firm, or published in whole or in part, for any purpose by recipients directly or indirectly to any other person. Any printed form of this Presentation must be returned to us immediately at the conclusion of this Presentation. This Presentation is being communicated to selected persons who have professional experience in matters relating to investments for information purposes only and does not constitute a recommendation regarding any securities of the Group. Other persons should not rely or act upon this Presentation or any of its contents.

The Group may alter, modify or otherwise change in any manner the contents of this presentation, without obligation to notify any person of such revision or changes. This presentation may contain forward looking statements that involve risks and uncertainties. Forward looking statements are based on certain beliefs, plans and expectations of the Group about the future. Forward looking statements are not guarantees of future performance including those relating to general business plans and strategy, future outlook and growth prospects, and future developments in businesses and/or competitive and regulatory environment No representation, warranty or undertaking, express or implied, is made or assurance given that such statements, views, projections or forecasts, if any, are correct or that any objectives specified herein will be achieved. Actual future performance, outcomes and results may differ materially from those expressed in forward looking

statements as a result of a number of risks, uncertainties and assumptions. Although the Group believes that such forward looking statements are based on reasonable assumptions, it can give no assurance that such expectations will be met. Representative examples of factors that could affect the accuracy of forward looking statements include (without limitation) the condition of and changes in India's political and economic status, government policies, applicable laws, the industries relevant to the Group in India, and international and domestic events having a bearing on the Group's business, and such other factors beyond the Group's control. You are cautioned not to place undue reliance on these forward looking statements, which are based on current views of the Group's management on future events.

If the Company should at any time make an offering of securities, any decision to invest in any such offer to subscribe for or acquire securities of the Company must be based wholly on the information contained in the offer document or offering circular, placement document, and/or any international offering memorandum (including the risk factors mentioned therein) issued or to be issued by the Company in connection with any such offer and not on the contents herein. Information contained in this presentation is qualified in its entirety by reference to an offering document for any potential transaction if it proceeds. Any potential transaction could be made available to the recipient of this document in accordance with applicable laws and regulations, including the distribution of any required documents for such potential transaction and such documents will supersede all prior information provided to the recipient, herein or otherwise.

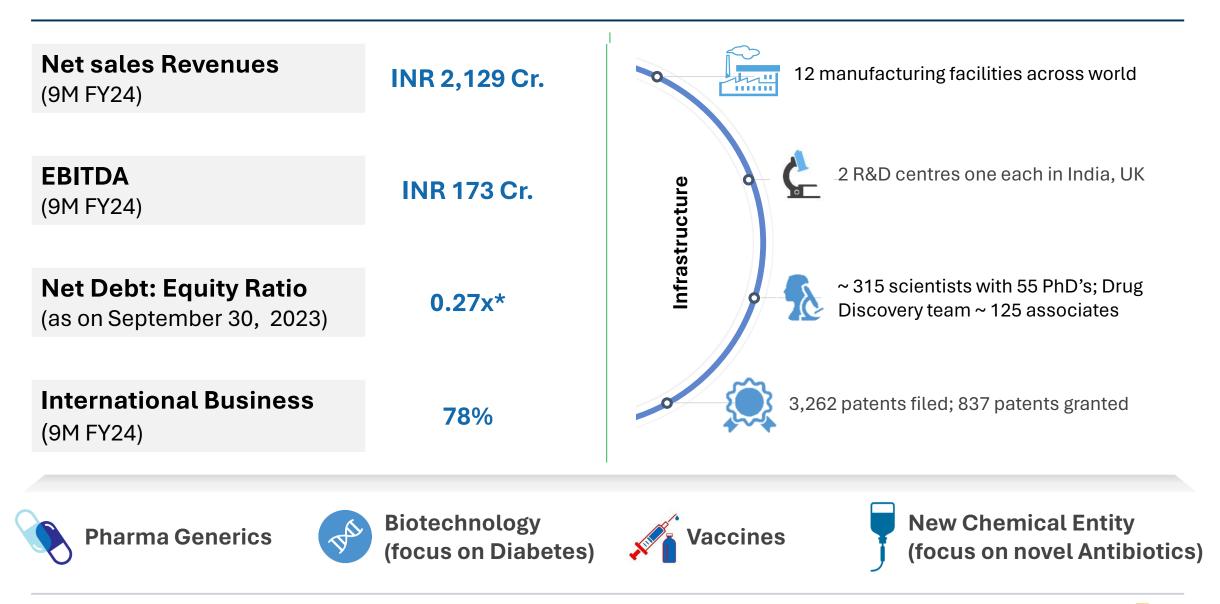
No representation or warranty express or implied) is made as to, and no reliance should be placed on, the accuracy, completeness or correctness of any information, including any projections, estimates, targets and opinions contained herein, and no liability whatsoever is accepted as to any errors, omissions or misstatements contained herein and, accordingly, none of the Group, its directors, officers or employees or its affiliates, its advisors or representatives, or any such person's officers or employees accepts any liability (in negligence or otherwise) whatsoever arising directly or indirectly from the use of this presentation.

The contents of this presentation have not been independently verified and this presentation has been prepared by the Group, solely for informational purposes Neither the delivery of this presentation nor any further discussions with any of the recipients shall, under any circumstance, create any implication that there has been no change in the affairs of the Group. This presentation is a summary only and it is not the intention to provide, and you may not rely on these materials as providing, a complete or comprehensive analysis of the financial position or prospects of the Group.

Certain data contained in this presentation was obtained from various external data sources, and none of the Group, its advisers or representatives has verified this data with independent sources Accordingly, the Group, its advisers and representatives make no representation as to the fairness, accuracy, correctness, authenticity or completeness of that data, and this data involves risks and uncertainties and is subject to change based on various factors. The information contained in this presentation is not to be taken as any recommendation made by the Group or any other person to enter into any agreement with regard to any investment. You will be solely responsible for your own assessment of the market and the market position of the Group, and you will conduct your own analysis and be solely responsible for forming your own view of the potential future performance of the business of the Group.

By participating in this Presentation, attendees agree to be bound by the foregoing limitations Any failure to comply with these restrictions may constitute a violation of applicable securities law

### Snapshot of Wockhardt



\* Excluding promoter debt & preference capital & net of Cash & cash equivalents and other Bank balances

B WOCKHARDT

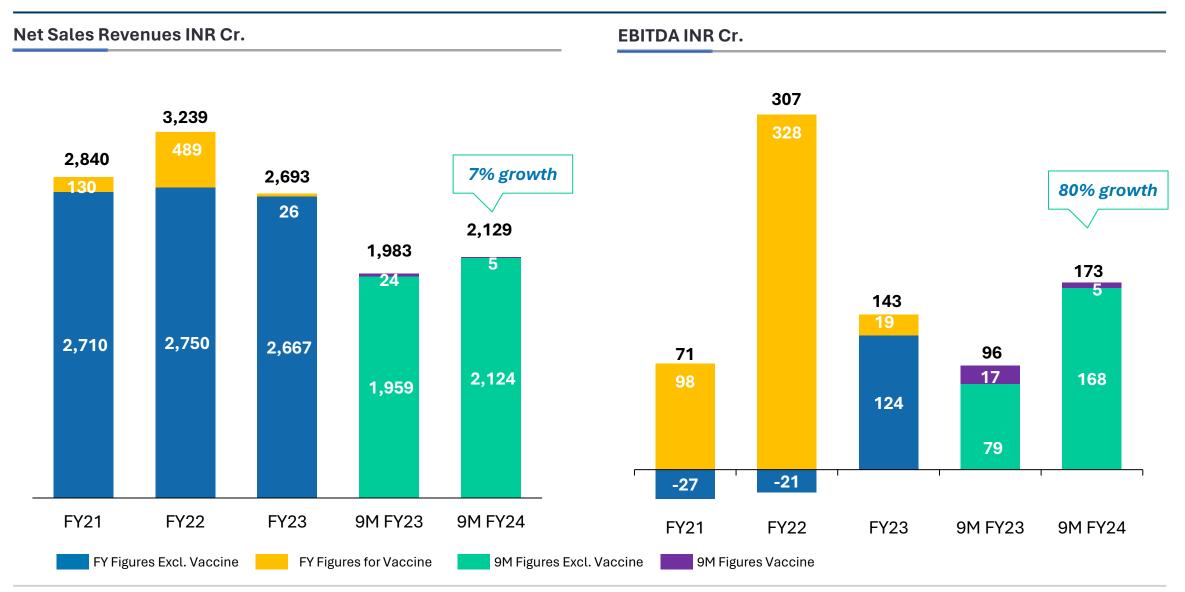
#### **Global footprint**

#### **Global operations Capability across different segments** Branded Antibiotics Drug Discovery ► OTC Biotechnology Hospitals Pharma Generics Solids ► Liquids Injectables Nasal sprays ..... Biotechnology Complex technologies Through Partners Direct operations United Kingdom **Emerging Markets USA** India Ireland Retail & Hospital Restructuring -Presence in ▶ Pain, Diabetes, ▶ Branded Generic & facility shutdown segments OTC Southeast Asia, Nephrology, CNS Vaccine CMO Shift to third party East Asia, Africa, portfolio manufacturing Retail pharmacies, the CIS region and ► >750\*\* field force wholesalers & ► Defocusing Latin America Pharma R&D hospitals. countries **6**% **6**% 21% 22% 36%

\*9M FY 23-24 (Others: 9%) \*\*as on 31<sup>st</sup> December 2023 % sales revenue contribution for 9M FY23 -24

4 WOCKHARDT

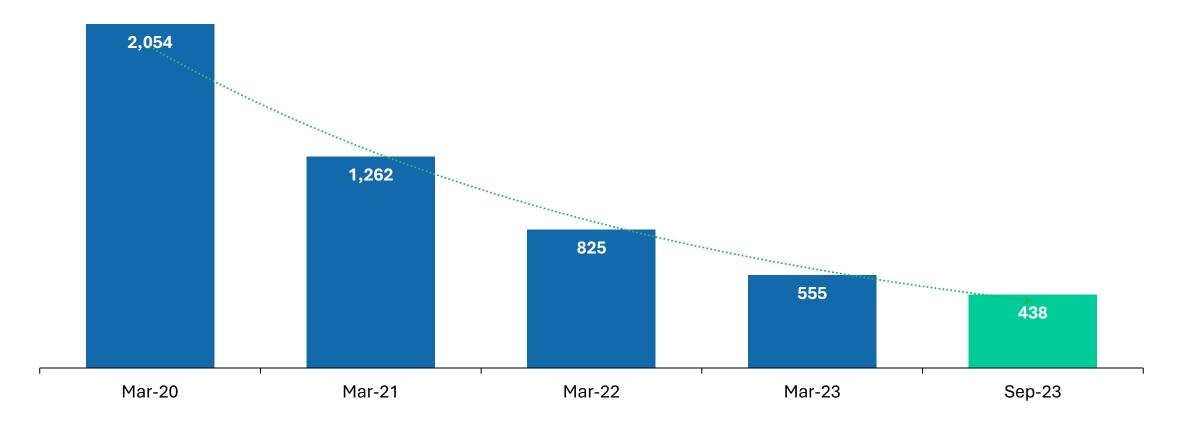
### **Financial Highlights**



5 WOCKHARDT

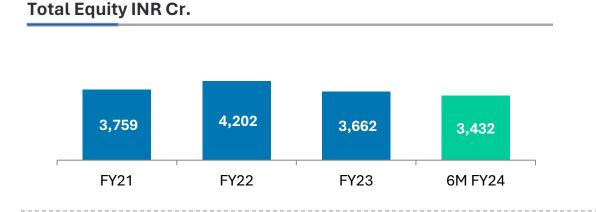
#### Reduction in External Term Loans

Reduction in external term loan\* (INR Cr.)

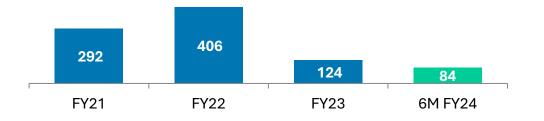


6

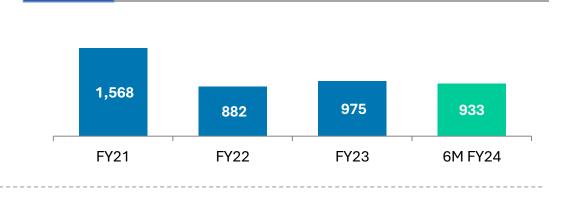
#### Total Borrowings\* Reduction by > INR 600 Cr.



Cash & cash equivalents and other Bank balances INR Cr.



#### Total Borrowings\* INR Cr.

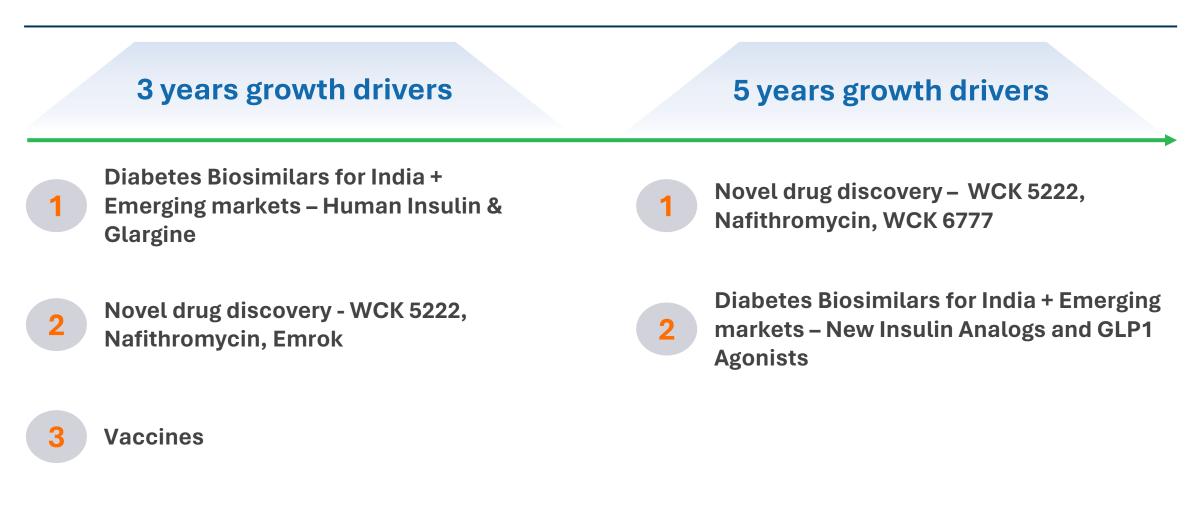


#### Net Debt-Equity Ratio \*



\* Excluding promoter debt & preference capital & net of Cash & cash equivalents and other Bank balances

7







# New Chemical Entity (Antibiotics)



## Anti-microbial resistance (AMR) could cause 10 million deaths by 2050

'Tackling Drug-Resistant infections globally' chaired by JIM O'NEILL - Former Minister, UK Govt. & Former Chairman Goldman Sachs'

A failure to address the

problem of antibiotic

resistance could result in

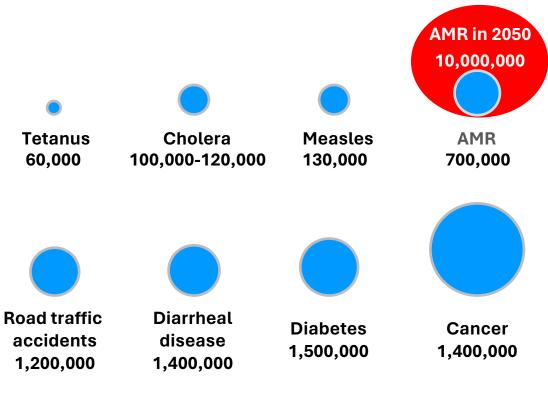
**10 Million deaths** 

globally by 2050,

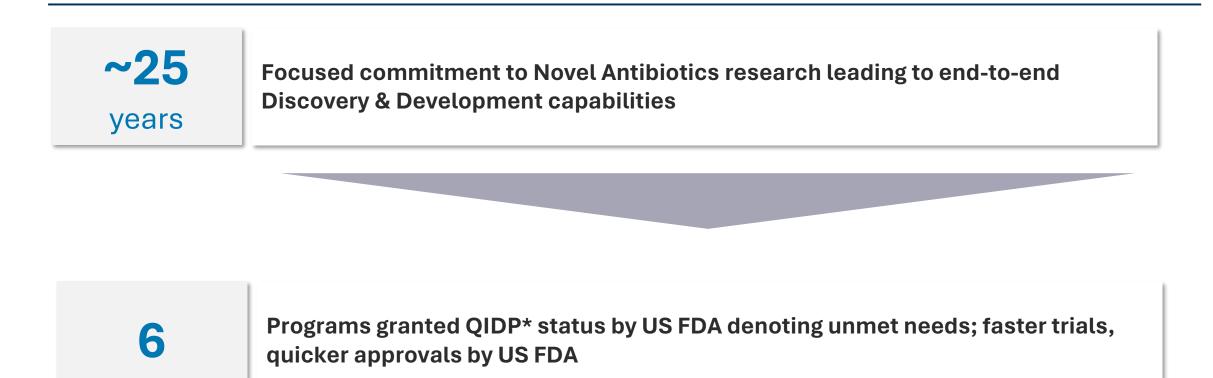
costing £ 66 trillion

http://amr-review.org/

Deaths attributable to antimicrobial resistance every year compared to other major causes of death





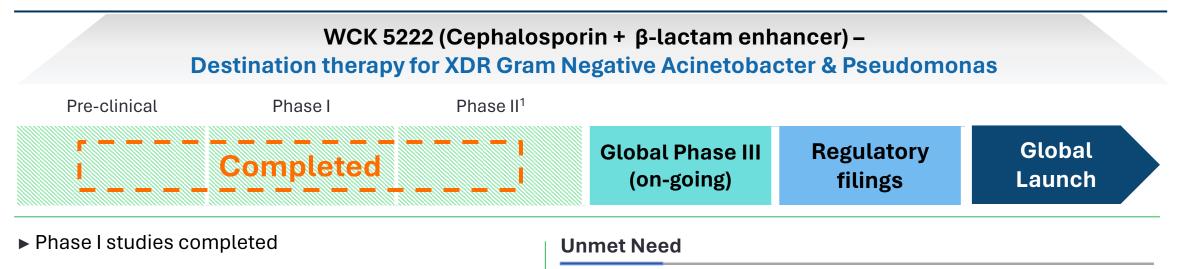


\* Qualified Infectious Disease Product (QIDP) status granted by US FDA eligible for fast track development process and priority review. QIDP status also grants five year extension to the market exclusivity in the United States

Novel Antibiotics pipeline encompassing all the Resistant Organisms

		Gram Negativ	Gram Positive Portfolio				
	WCK	5222	WCK 4282	WCK 6777	Emrok / Emrok O	Nafithromycin	
	7		<b>,</b>	<b>,</b>			
Status	Global <b>Phase III</b> ongoing study (India)		<b>Phase III</b> ready	Phase I In collaboration with NIH (US)	<b>Launched in India;</b> Filed in Emerging Markets	<b>Phase III</b> completion in India	
Potential Indication	cUTI, HABP / VABP (Global) + Carbapenem Resistant infections (India)		cUTI HABP / VABP	cUTI	ABSSSI	CABP / RTI	
Target Market	Global		Global	Global	Emerging Market	Emerging Market	
Positioning	Gram-ve Klebsiella	for difficult-to-treat , Acinetobacter and omonas	Empiric-use; Carbapenem- sparing Gram-ve	Out-patient therapy for MDR Gram -ve	MDR Gram+ve Anti-MRSA	Macrolide-resistant Respiratory Pathogens, Quinolone-Sparing	

HABP: Hospital Acquired Bacterial Pneumonia; VABP: Ventilator Acquired Bacterial Pneumonia cUTI: Complicated urinary tract infections; CABP: Community-acquired bacterial pneumonia; RTI: Respiratory Tract Infection; ABSSSI: Acute bacterial skin and skin structure infections; MDR: Multidrug resistance; Gram –ve: Gram Negative; Gram +ve: Gram Positive



- Pulmonary PK, renal impairment and cardiovascular safety studies completed
- Phase III clinical study based on US FDA accepted development path
- Global Phase III cUTI study ongoing: >50% patient recruitment completed
- Meropenem-resistant clinical study set for first patient recruitment for early launch in India
- Patents secured in key global markets; strong IP protection

- Carbapenem resistant Pseudomonas and Acinetobacter (20-95%) infections are desperately treated with efficacy and safetycompromised colistin/polymyxin/tigecycline.
- WCK 5222 would provide a safer and consistently efficacious therapy for such life-threatening infections.

#### **Compassionate Use**

100% clinical and microbiological success thus far in 15 patients with extremely difficult to treat infections, where all the available therapies failed

13

1. Phase II waiver

### WCK 5222: Compassionate use results in 15 patients (incl. 2 paediatric) (1/2)

						DRUG RESISTANCE				WCK 5222			
#.	Patients with Life threatening infections	Failed treatment	Pathogen and Drug Resistance		Drug 1	Drug 2	Drug 3	Drug 4	Treat- ment Duration	Efficacy	Safety	Outcomes	
1	Complicated intra-abdominal infection induced-sepsis	Polymyxin-B (2 weeks)	XDR	Pseudomonas aeruginosa	R	R	R	R	10 days	$\checkmark$	$\checkmark$	•Complete	
2	Febrile neutropenia, Thalassemia major, failed bone marrow transplant, bloodstream infection		XDR	Escherichia coli	R	R	R	R	20 days	~	✓	resolution of infection	
3	Acute T cell lymphoblastic leukaemia, pneumonia, bloodstream infection	Polymyxin-B & Meropenem therapy	XDR	Pseudomonas aeruginosa	R	R	R	R	32 days	✓	✓	<ul> <li>Patient's Clinical condition</li> </ul>	
4	Lung infection leading to empyema, lung part excision with chronic pulmonary TB	CAZ/AVI & Aztreonam (3 weeks) as well as Colistin (1 week)	_	Pseudomonas aeruginosa	R	R	R	R	22 days	$\checkmark$	✓	improved	
5	Bilateral sequential lung transplant, osteomyelitis,	Multiple rounds of Tigecycline, CAZ/AVI, Meropenem	MDR	Serratia marcescens	R	R	S	R	22 days	$\checkmark$	✓	Well tolerated	
6	Osteomyelitis + maxillary sinusitis & pneumonia	Colistin, Fosfomycin (6 weeks), Meropenem (2 weeks)	MDR	Pseudomonas Resistant to>>	R	R	R	R	70 days	✓	✓	•WCK 5222 was well tolerated even at adult	
7	Osteomyelitis (bone infection of chest wall)	Colistin therapy	MDR	Pseudomonas Resistant to>>	R	R	R	R	49 days	$\checkmark$	$\checkmark$	doses in	
8	Bronchopleural fistula, Ventilated Pneumonia	Polymyxin-B and ceftazidime/avibactam therapy	MDR	Pseudomonas & Acinetobacter	R	R	R	R	10 days	✓	$\checkmark$	paediatric patients	

## 100% clinical and microbiological success

Drug 1: Carbapenems ; Drug 2. Ceftazidime/ Avibactam (CAZ/AVI) Drug 3.Imipenem/ Relebactam; Drug 4.Ceftolozane/ Tazobactam

R: Resistant; S: Susceptible



### WCK 5222: Compassionate use results in 15 patients (incl. 2 paediatric) (2/2)

			eatment Pathogen and Drug Resistance		DR	UG RES	SISTAN	ICE			WC	K 5222
#	Patients with Life threatening infections	Failed treatment			Drug 1	Drug 2	Drug 3	Drug 4	Treat- ment Duration	Efficacy	Safety	Outcomes
9	Liver Transplant, HTN, Hypothroidism, Hospital- acquired Pneumonia on Ventilation	Colistin and Doripenem therapy	MDR	Pseudomonas Resistant	R	R	R	R	12 Days	$\checkmark$	✓	•Complete resolution of infection
10	Endovascular Infection Post Arterial graft	Multiple rounds of CAZ/AVI+Aztreonam	MDR	Pseudomonas Resistant	R	R	R	R	14 Days	$\checkmark$	$\checkmark$	inteocioni
11	Urosepsis & septic shock, on ventilation & inotropic support	Colistin, Meropenem, PIP/TAZ	MDR	Pseudomonas aeruginosa	R	R	R	R	30 Days	$\checkmark$	$\checkmark$	<ul> <li>Patient's Clinical condition</li> </ul>
12	Pancytopenia, abscess in liver , consistent fever spikes	Colistin, CAZ/AVI+Aztreonam, Meropenem	MDR Klebsiella pneumoniae WCK 5222 suscep testing. Patient trea WCK 5222 empirica		Isolate not available for WCK 5222 susceptibility esting. Patient treated with /CK 5222 empirically at the discretion of clinician		-	~	✓	improved • Well tolerated		
13	Severe septic shock, fever spikes, lung infection and required inotropic support	Fosfomycin, Colistin and Levofloxacin		Pseudomonas aeruginosa	R	R	R	R	5 Days	$\checkmark$	✓	•WCK 5222 was well tolerated
14	Bone and Joint Infection: Left malignant otitis externa w/ lateral skull base osteomyelitis	No other antibiotics tried based on past experience of treating physician	MDR	Pseudomonas aeruginosa	R	R	R	R	42 Days	$\checkmark$	✓	even at adult doses in paediatric
15	Complicated Intra Abdominal Infection with Spleen abscess (Recurrent abscess/sepsis)	with Fosfomycin	MDR	Pseudomonas aeruginosa	R	R	R	R	28 Days	✓	✓	patients

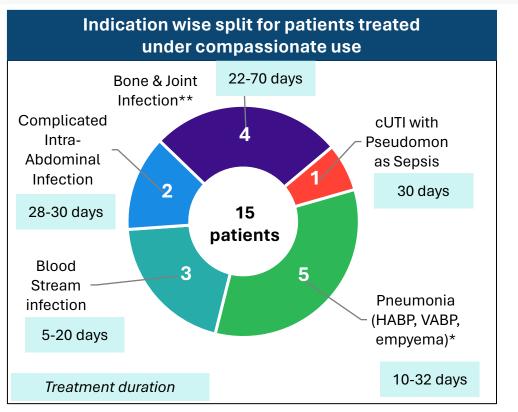
### 100% clinical and microbiological success

Drug 1: Carbapenems ; Drug 2. Ceftazidime/ Avibactam (CAZ/AVI) Drug 3.Imipenem/ Relebactam; Drug 4.Ceftolozane/ Tazobactam

R: Resistant; S: Susceptible



# Pathogens inflicting infections and associated indications while treating 15 patients with WCK 5222 in compassionate setting



#### Complete clinical as well as microbiological cure attained in all patients

**15 Patients** Treatment Pathogen duration treated 11<sup>a</sup> Pseudomonas aeruginosa 5 to 70 days Acinetobacter baumannii + 1<sup>b</sup> 10 days Pseudomonas aeruginosa 1<sup>c</sup> Escherichia coli 20 days **1**d 22 days Serratia marcescens 1<sup>e</sup> Klebsiella pneumoniae 30 days

a. 9/11 patients had Colistin / Polymyxin failure; 3/11 patients had CAZ/AVI & Aztreonam failure; 1/11 patients had Fosfomycin IV failure

- b. Patient had Polymyxin & CAZ/AVI failure
- c. Patient had CAZ/AVI + Aztreonam failure
- d. Patient had CAZ/AVI & Tigecycline failure
- e. Patient had CAZ/AVI + Aztreonam & Colistin failure

- $\star$  1/5 patients also had cIAI, 1/5 patients also had cSSSTI & BSI
- \*\* 1/4 patients also had pneumonia

Polymyxin-B / Colistin therapy had already failed in 10 out of these 15 patients; WCK 5222 dose adjustment was required in only 4 out of these 10 patients

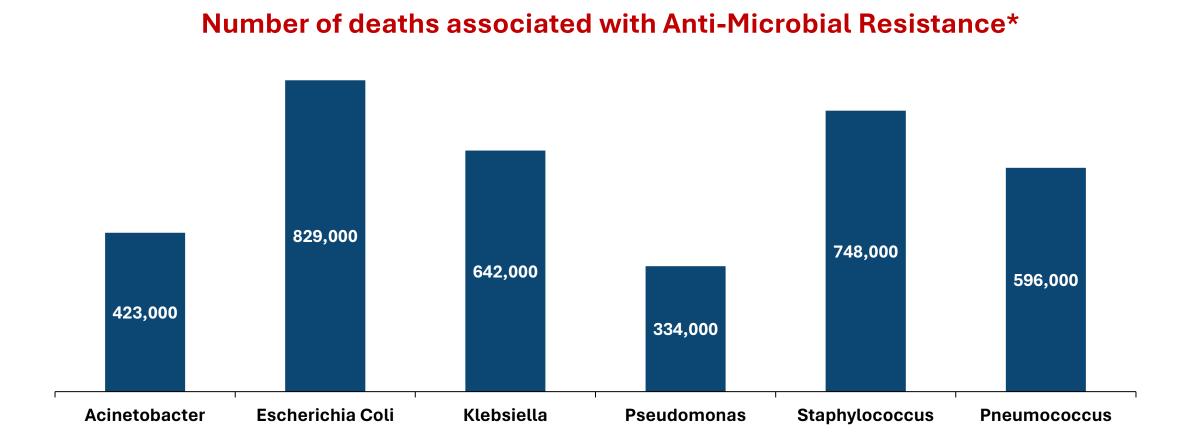
WOCKHARDT WINS

17

#### WCK 5222 differentiation

Activity against resistant infection	Best com	parable Pipe	line Drugs	Best available Approved Drugs								
Organism/ Resistance Mech.	WCK 5222 <sup>1</sup>	Product 1	Product 2	Product 3	Product 4	Product 5	Product 6	Product 7	Product 8	Product 9		
K. pneumoniae (ESβL)												
K. pneumoniae (KPC)												
K. pneumoniae (MβL)												
E. coli (PBP3 insert+ESBL/Class C)												
<i>E. coli</i> (MβL± PBP3 Insert)												
Enterobacter (AmpC)												
Proteus (ESβL, Class C)												
P. aeruginosa (AmpC + oprD +Efflux)												
P. aeruginosa (Oxa, oprD + Efflux)												
P. aeruginosa (MβL)												
A. baumannii (CHDL, OXA)												
S. maltophilia MDR/XDR												
	Most Isola	tes Susceptible	•	Variable Susceptibility Most Isolates Resista			tes Resistant	ant				

1. WCK 5222: Wockhardt's combination of Cefepime (Cephalosporin) with Zidebactam (β-lactam enhancer); Product 1.Cefepime/taniborbactam; Product 2.Aztreonam/avibactam; Product 3. Cefiderocol; Product 4.Imipenem/relebactam; Product 5.Meropenem/vaborbactam; Product 6.Plazomicin; Product 7.Ceftazidime/avibactam; Product 8.Sulbactam/durlobactam; Product 9.Imipenem or meropenem



WCK 5222 is designed to address all the major Super Bugs including Pseudomonas, Klebsiella, E. coli and Acinetobacter

# Nafithromycin (Brandname: Miqnaf<sup>TM</sup> \*): Broad spectrum novel lactone ketolide for Community Acquired Bacterial Pneumonia (CABP) and Upper Respiratory tract infections(RTI)

Increasing resistance and incomplete coverage for current treatment options:

- Azithromycin resistance in S. Pneumonia of ~65% in India\*\*
- Lack of atypical pathogen coverage by Amoxicillin/Clavulanic acid

Nafithromycin has broad spectrum (covers entire range of gram +ve, gram -ve & atypicals) enabling monotherapy; effective against Azithromycin resistant strains / multi-drug resistance bacteria with 100% coverage based on high lung concentrations

Successfully completed phase III study with 96.77 % of cure rate in CABP and other respiratory infections, with safety profile commensurate with community usage

Lung penetration profile - Human lung exposure 8 times higher than Azithromycin

Ultra short duration therapy (3 day) with Once Daily dosing treatment regimen for improved patient compliance

Phase I and Phase II conducted by reputed global CRO's in US & EU. Phase III completed in India and commercialization expected in short term

\*- Trademark filed in India

\*-AMR Surveillance Network, Indian Council of Medical Research, 2022. Susceptibility and resistance to Azithromycin is determined by testing Erythromycin as per CLSI

Emrok / Emrok O<sup>®</sup>: Launched in India and filed in select Emerging markets





-• New Age Antibiotic : Benzoquinolizine sub-class



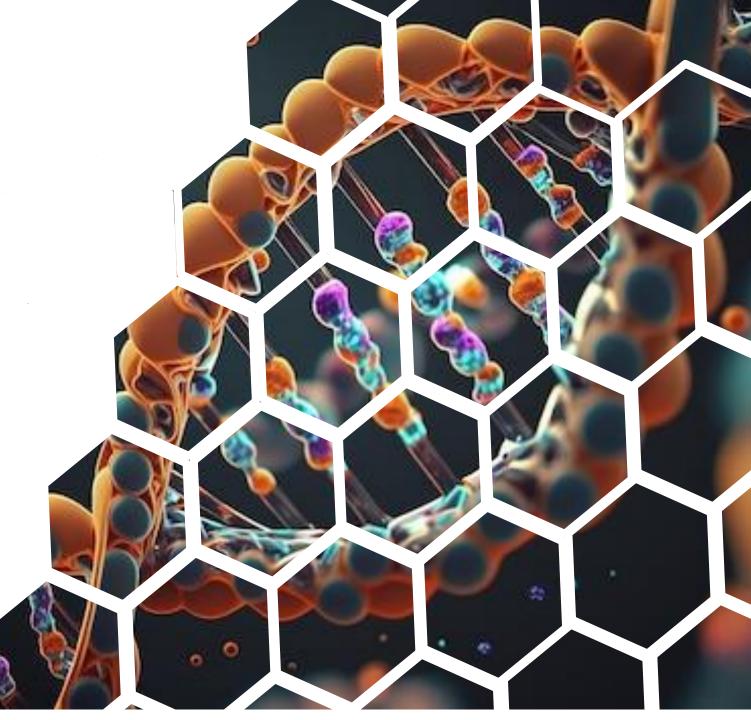
Multi-spectrum activity: Safe Oral and IV antibiotic with coverage of MDR Gram Positive pathogens including MRSA, Gram Negative, Anaerobic & Atypicals



EMROK & EMROK O - Only rapidly bactericidal agent available for MRSA infections with
 excellent penetration in Biofilms associated with Bone and Joint infections, Prosthetic Joint infections and Catheter-associated infections



# Biotechnology



#### Focus on Diabetes Injectable portfolio



Human Insulin, Insulin Glargine commercialized

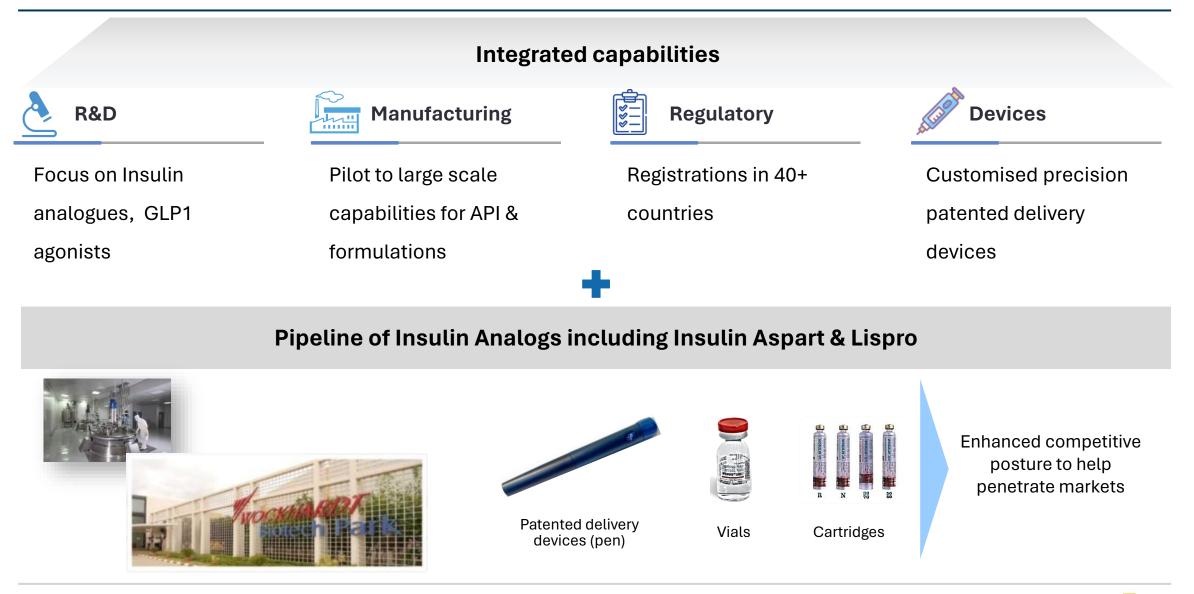


Robust Pipeline of Insulin Analogs and GLP1 Agonists under development

#### Vertically integrated



Competitive advantage by providing end-to-end solutions in Diabetes Biosimilars



23 WOCKHARDT

### Development status of Insulin analogues and GLP-1 agonist

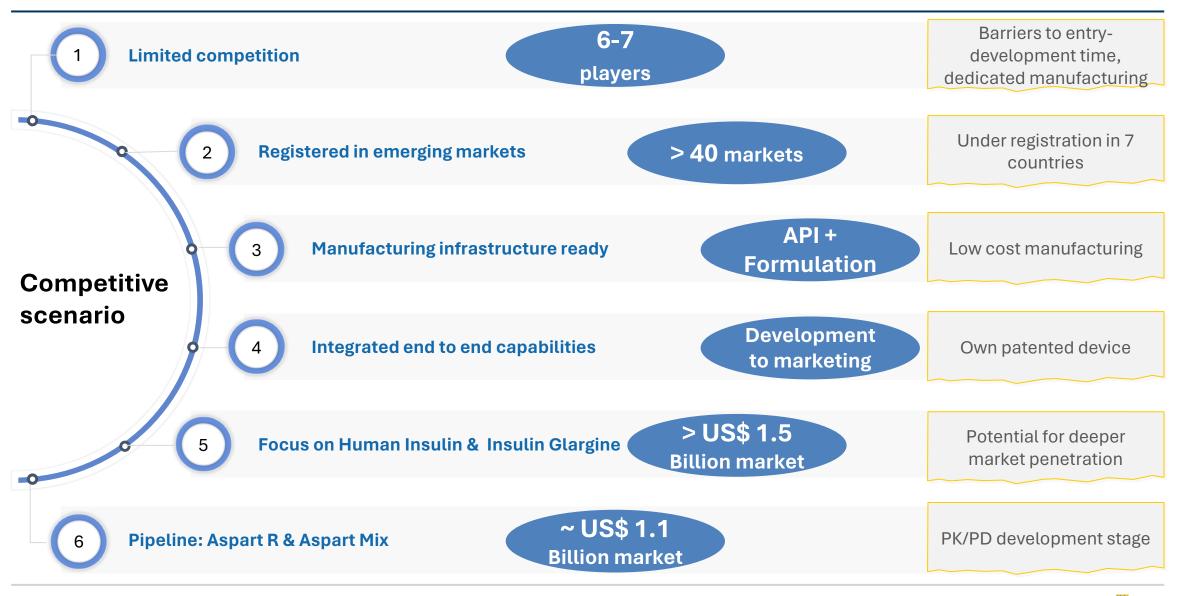
	Aspart R	Aspart 30/70	Lispro R	Lispro 25/75	Liraglutide
Process development	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Process Scale Up	$\checkmark$	$\checkmark$	√*	√*	Ongoing
Drug substance validation batches	$\checkmark$	$\checkmark$	√*	√*	
Drug product validation batches	$\checkmark$				Planned
PK/PD study	$\checkmark$	Planned	Planned	Planned	
Analytical similarity	Ongoing				

E.Coli host cell as platform technology for all above products

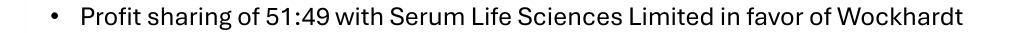
√ Completed

\* To be further scaled up

#### Diabetes Biosimilars for Emerging markets - Competitive scenario



25 WOCKHARDT



• 15 years arrangement

• Reserved capacity of 150 million doses per annum

### Abbreviation

ABSSSI: Acute bacterial skin and skin structure infections; AmpC : AmpC beta-lactamases AMR: Antimicrobial resistance **API:** Active Pharmaceutical Ingredient **CIS:** Commonwealth of Independent States CABP: Community-acquired bacterial pneumonia CHDL: Carbapenem-hydrolyzing class D β-lactamases CLSI: Clinical & Laboratory Standards Institute **CMO : Contract Manufacturing Organization CNS: Central Nervous System CRO** : Clinical research Organisation cUTI : Complicated urinary tract infections EBITDA: Earnings before Interest, Tax, Depreciation and Amortization ESBL : Extended Spectrum Beta-Lactamase GLP1: Glucagon-like peptide 1 **GMP: Good Manufacturing Practice** HABP: Hospital Acquired Bacterial Pneumonia KPC : Klebsiella pneumoniae carbapenemase

MBL : Metallo-*β*-lactamases MDR: Multidrug resistance MENA: Middle East and North Africa MRSA : Methicillin-resistant Staphylococcus aureus NIH (US): National Institutes of Health (NIH), OD: Once a day OTC: Over the counter PBP3: Penicillin-binding protein 3 PK/PD study : Pharmacokinetic-Pharmacodynamic **R&D:** Research and Development **RTI:** Respiratory Tract Infection; USFDA : United States Food and Drug Administration. VABP: Ventilator Acquired Hospital Pneumonia WCK 4282: Cefepime/Tazobactam WCK 5222: Cefepime/Zidebactam WCK 6777: Ertapenem/Zidebactam XDR : Extensively Drug Resistant

27 *WOCKHARDT* 



# Thank You

