

PHARMA MARKETING: UNRAVEL RWD WITH ADVANCED ANALYTICAL FRAMEWORKS TO STRATEGICALLY PREPARE FOR COMMERCIAL BIOSIMILAR LAUNCH JAN 2021



#### **JANANI DAMODARAN**

#### CONSULTANT

Janani is Consultant at D Cube Analytics; she comes with 6+ years of experience in supporting Market Planning and Brand teams with analytical solutions to make strategic data driven decisions. She has extensively worked on Oncology, Neuro and Immunology therapeutic areas covering a spectrum of business problems - Pre/Post Drug Launch Strategic Analysis, Patient Chart Audits, Physician-level data analytics, Sales Force Effectiveness and Primary Market Research



#### DANIEL BRITTO

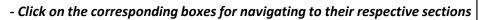
#### **ASSOCIATE CONSULTANT**

Daniel is an Associate Consultant at D Cube Analytics, who has around 5+ years of experience in supporting the analytical needs of the regional and global brand teams in their quest towards building-up next-gen strategies across launch and pre-launch space. He brings in expertise on the Inflammation therapeutic area and has solved business problems pertaining to sales and commercial analytics, Payer and Provider analytics, and also Patient treatment dynamics by leveraging syndicated data sources and extensive market research



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#### **Biosimilars**

- A biosimilar is a biologic that is highly similar to and has no clinically meaningful differences (in terms of quality, safety and efficacy) from another biologic that's already approved and whose patent has expired, known as a reference product
- Minor differences between the reference product and the proposed biosimilar in clinically inactive components are acceptable

#### How are biosimilars different from their reference product?

	Biologic	Biosimilar	Generics
Definition	Reference product	Similar to, and not identical to reference product	Bioequivalent and identical to reference product(non-biologic)
Development Cost	\$800 Million - \$1 Billion	\$100 – \$200 Million	\$1 – \$2 Million
Time to Market	15 years	8 – 10 years	2 – 3 years
Launch price	Most expensive	20-30% discount over reference product	80-90% discount over reference product

#### FDA Approval Pathway

Approval of a biosimilar is based on the "totality of the evidence" standard, which can be defined as the sum of data from analytical, preclinical, and clinical studies



#### REFERENCE MEDICINE DEVELOPMENT Main goal is to determine the clinical effect for each indication

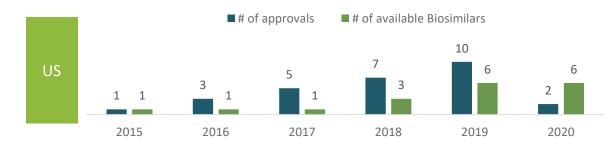
#### BIOSIMILAR DEVELOPMENT Main goal is to establish similarity to the reference medicine



#### BIOSIMILARS MARKET HAS EVOLVED RAPIDLY OVER THE PAST 5 YEARS IN THE US

#### Number of Approved vs Number of Available Biosimilars

# of approved Biosimilars - 28# of available Biosimilars - 18Of the biosimilars approved to date in 2020, 64% have launched and are available<br/>Oncology TA dominates the biosimilar market with 9 biosimilars already launched



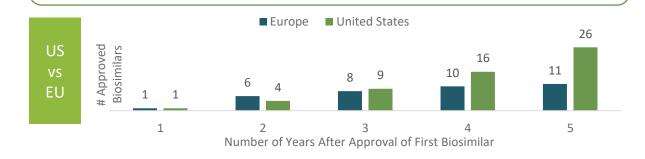
#### Uptake of biosimilars in the US (in terms of Units)

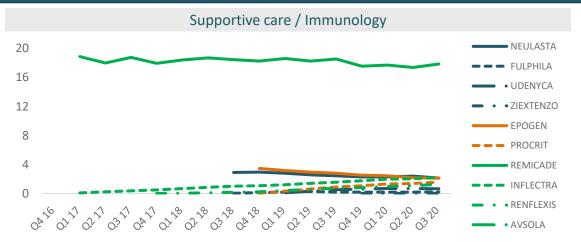
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#### Cumulative Number of Biosimilars Approved for Marketing in Europe vs US

US biosimilar landscape is advancing twice as fast as the EU biosimilar landscape





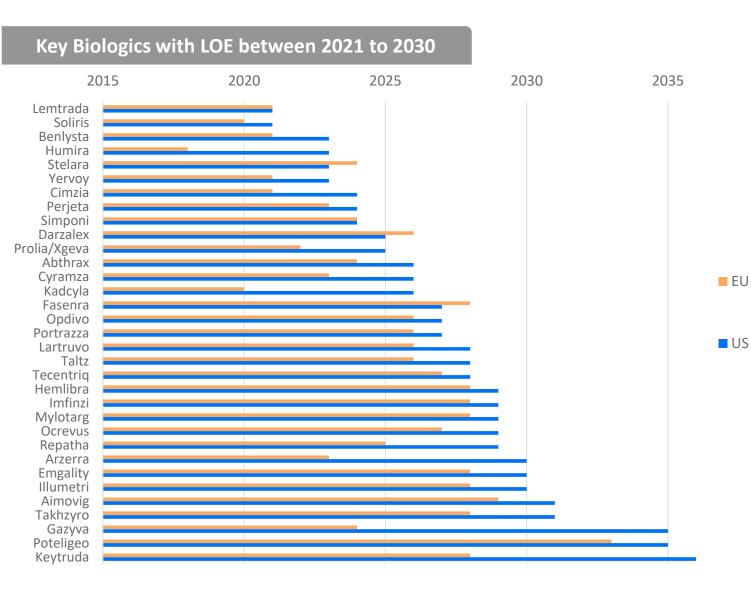
Please note: Facts represented in the slides are referred from verified & trusted sources and the links are mentioned in the Appendix Slide

#### BIOSIMILARS IS A BOOMING SPACE WITH A STRONG PIPELINE OF UPCOMING LAUNCHES OVER THE NEXT 10 YEARS

Estimated Growth of Biosimilars

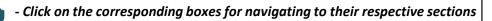
**Estimated Biologic Patent Expiries** 





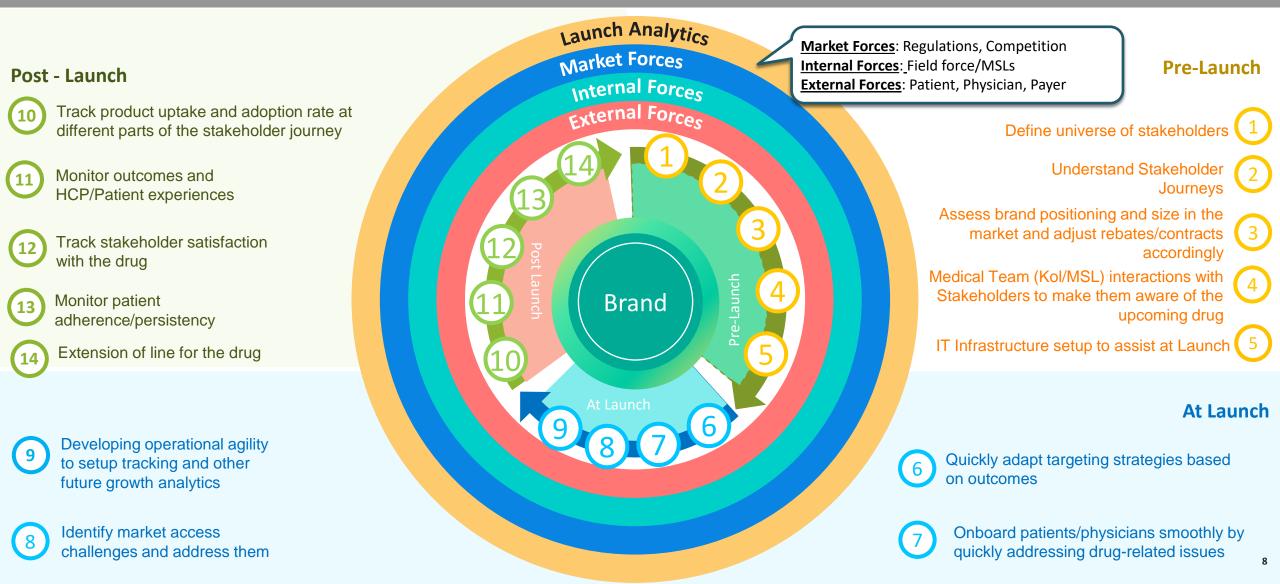
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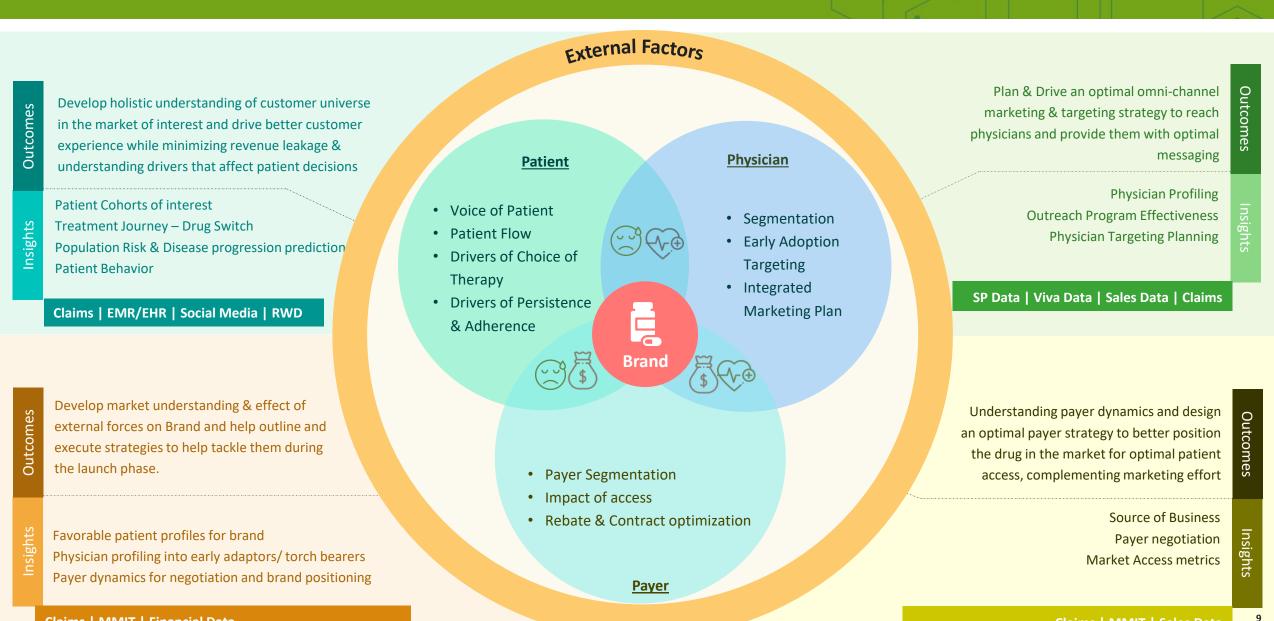


# IN THE CONVENTIONAL DRUG LAUNCH STRATEGY, EACH STAKEHOLDER JOURNEY PROVIDES A PERSPECTIVE IN TERMS OF TARGETING & MESSAGING OF THE NEW DRUG

#### An Integrated Launch Analytics Framework



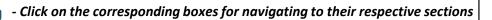
## IN THE CONVENTIONAL DRUG LAUNCH STRATEGY, EACH STAKEHOLDER JOURNEY PROVIDES A PERSPECTIVE IN TERMS OF TARGETING & MESSAGING OF THE NEW DRUG



Claims | MMIT | Financial Data

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IN ADDITION TO THE CONVENTIONAL LAUNCH STRATEGY PLANNING, IT'S VITAL TO UNDERSTAND THE NUANCES OF BIOSIMILAR MARKET TO PREPARE FOR A COMMERCIAL BIOSIMILAR LAUNCH

Why are Biosimilars not as successful as the reference product

Factors to be considered for Biosimilar Launch



- Lack of Biosimilar coverage and the control exerted by Payers through formulary restrictions
- Broader organizational support and education/awareness hinders adoption of Biosimilars by Providers
- Unfamiliarity, parity biologic coverage and clinical reasons are the key barriers to Patient's buy-in

#### **Competitive environment**

- In addition to the reference product, several competition posed by other biosimilars, Bio-comparables and Bio-betters make it a dynamic market
- Reduction in WAC and ASP prices of products and comparable OOP costs

#### **Understanding the Reference Product**

- Payer and provider segments favouring the reference product
- Identifying high value opportunistic segments of patient groups
- Accessibility of reference products

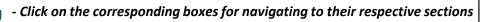
#### **Emphasize on Differentiated Value Add**

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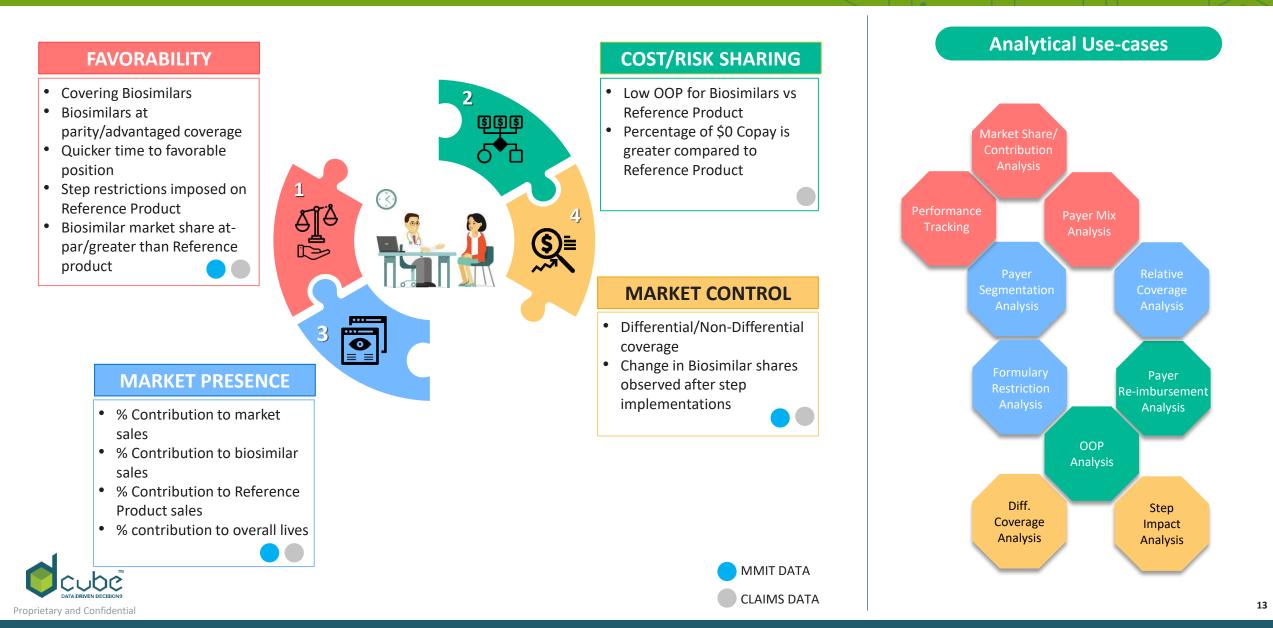
- Key differentiators: Achieving healthcare outcomes at reduced cost
- Potential other differentiators: Home infusion, Better PSPs, Reduced infusion time/frequency, Convenient form, etc.

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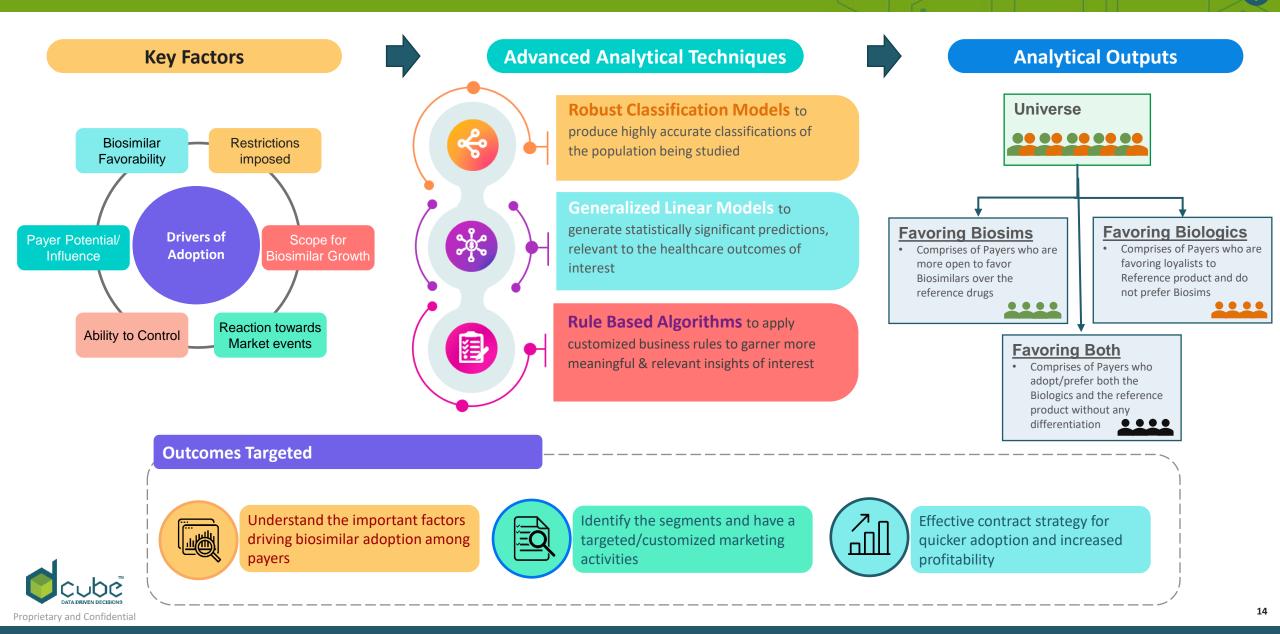




ANALYZING THE HISTORICAL PERFERENCE OF PAYERS AND THEIR INFLUENCE & CONTROL ON THE CHOICE OF DRUG ARE THE KEY FACTORS THAT DETERMINES THE BIOSIMILAR ADOPTION IN THE MARKET



USE OF ADVANCED ANALYTICAL TECHNIQUES IS PRIME IN THIS ERA TO BETTER TAP INTO THE POTENTIAL OF NEW AGE DATASETS TO SEGMENT THE PAYERS FOR CUSTOMIZED & ROBUST TARGETING EXERCISE



FOCUS SHOULD BE ON TO PROACTIVELY MONITOR THE BIOSIMS ADOPTERS AND TO HAVE CONTRACT NEGOTIATIONS AND OTHER PORTFOLIO LEVEL INTERVENTIONS TO PUSH THE NON-ADOPTERS TO FAVOR BIOSIMS

#### **Experimentalists**

- Payers who contributes to top 50% of market volume & top 50% of covered lives
- Payers who covers all biosimilars at advantaged coverage and have biologics at disadvantaged position
- Claims share of biosimilars is greater than 40%
- Difference in OOP of Biosimilar vs reference product is higher

#### **Traditionalists**

- Payers who contributes to top 50% of market volume & top 50% of covered lives
- Payers who covers all biosimilars at disadvantaged position
- Claims share of biosimilars is lesser than 30%
- Difference in OOP of Biosimilar vs reference product is lesser or negligible

#### **Differentiators**

- Payers who contributes to top 50% of market volume & top 50% of covered lives
- Payers who covers biosimilars with differential coverage
- Claims share of biosimilars is greater than 30%
- Difference in OOP among Biosimilars are higher

#### **Safety Players**

- Payers who contributes to top 50% of market volume & top 50% of covered lives
- Payers who covers both biosimilars and biologics with similar coverage
- Claims share of biosimilars is greater than 30%
- Difference in OOP of Biosimilar vs reference product is lesser or negligible

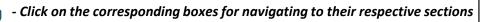
Focus on proactively monitoring & engaging to maintain the current status Focus on pushing biosimilars adoption through contracting strategies Focus on positioning the product to eliminate the differentiation

Focus on pushing biosimilar preference over biologics through effective contracting strategies

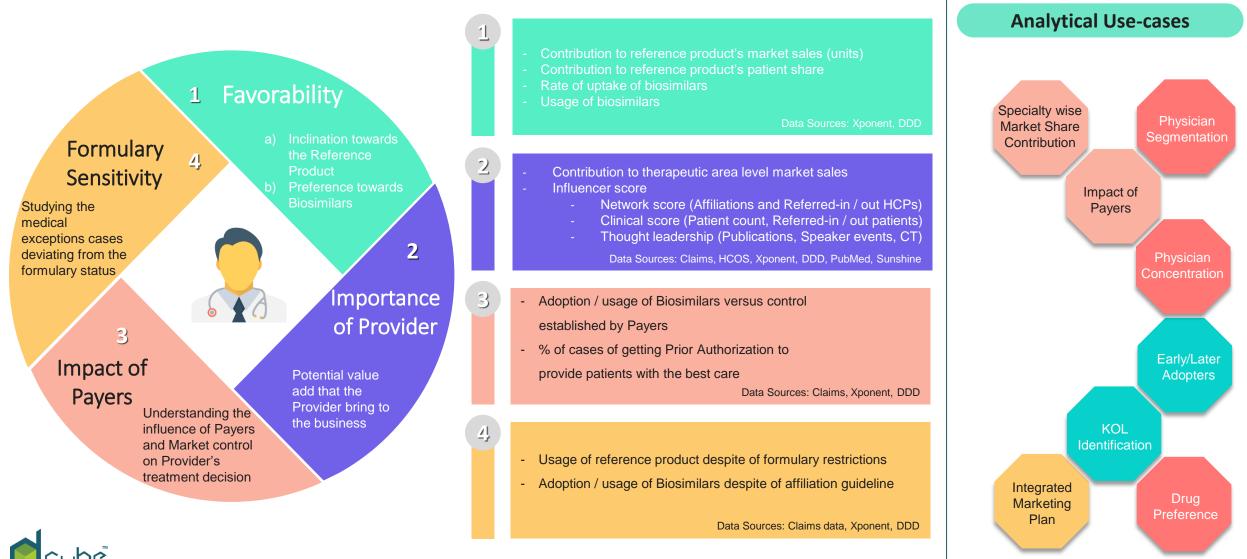


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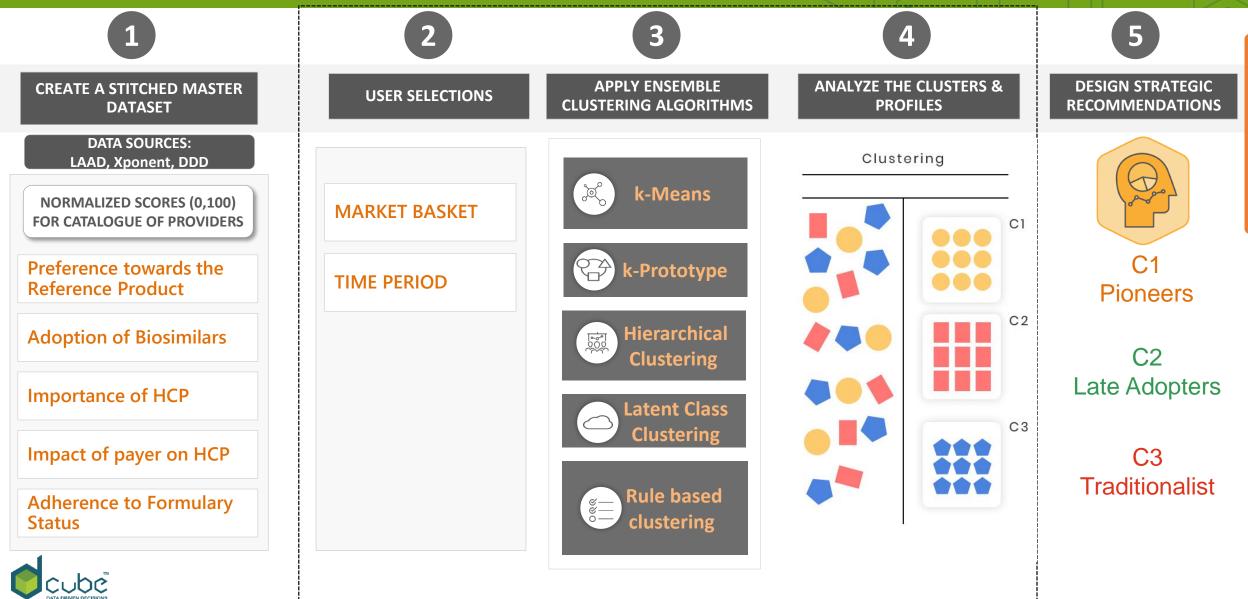




IDENTIFYING THE RIGHT SEGMENT OF HCPs WHO WOULD BE THE POTENTIAL EARLY ADOPTERS / TORCH BEARERS IS KEY TO HAVE A HEAD START WHEN IT COMES TO BIOSIMILAR ADOPTION



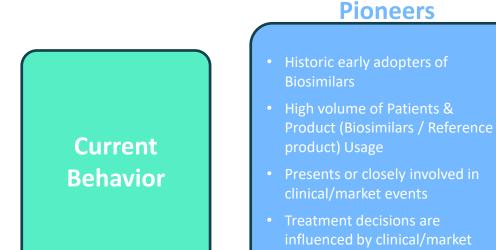
USE ADVANCED ANALYTIC TECHNIQUES LIKE SEGMENTATION TO STUDY DYNAMICS OF THE PROVIDER UNIVERSE AND DEVELOPING A CUSTOMIZED TARGETING & MESSAGING STRATEGY



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### TAILOR MADE APPROACH OF TARGETING & MESSAGING IS THE NEED TO DRIVE ADOPTION OF BIOSIMILARS ACROSS THE IDENTIFIED SEGMENTS



- Believe in RWE and hesitate to experiment
  - Follows a "wait and watch" strategy when it comes to new therapies

Late Adopters

 Highly influenceable by KOLs/influencers while making treatment decisions

### **Traditionalist**

- Religiously follows the conventional treatment pathways
- Lower potential; low volume of Patients & Product (Biosimilars / Reference product) usage
- Not an active participant in conferences/speaker programs

Desired Behavior In addition to being the pioneers of early adopters of Biosimilars, act as evangelists to increase adoption of Biosimilars

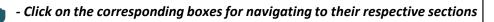
**Evaluate patients with Biosimilars early to experiment and learn** 

Switch patients with higher OOP to Biologics



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REAL-WORLD DATA PROVIDE BETTER UNDERSTANDING OF BOTH THE ORGANIC AND INFLUENCED ADOPTION BEHAVIORS OF THE PATIENTS REQUIRED FOR ENHANCED AND IMPROVED TARGETING EXERCISE TO DRIVE BIOSIMILAR ADOPTION

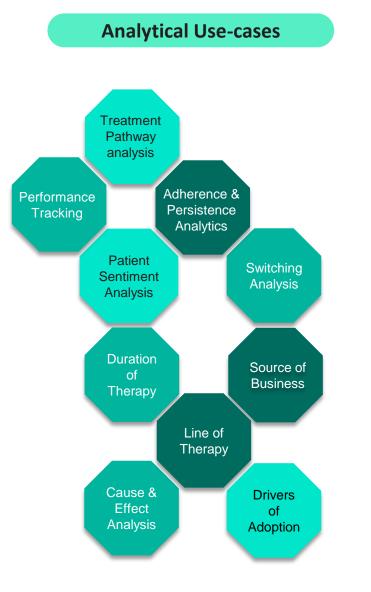
#### Key Attributes to Evaluate

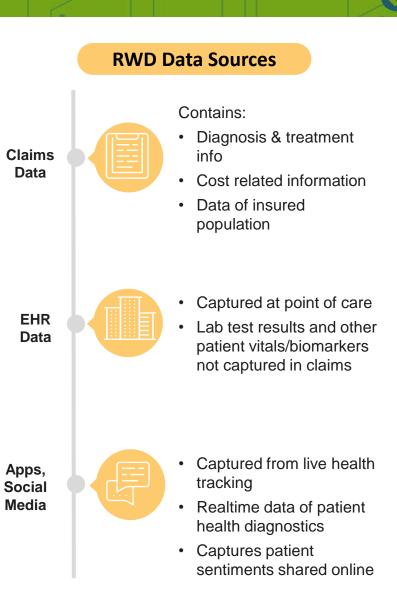
#### **Organic Traits**

- Biosimilar preferences at different lines of treatment
- · Bio-Switching Character
- Persistency on biologics vs biosimilars
- Preference of device type
- Total Amount paid by Patient
- Patient's preference in over-ruling biologics
  treatment
- Time taken to adopt biosimilar treatment

### **Influenced Traits**

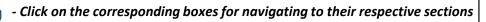
- · Impact of Affiliated geography
- Impact of treating Provider
- Impact of Payer coverage
- Participation in biosimilar & biologics support programs
- Impact of biosimilar/biologics sentiments on social platforms



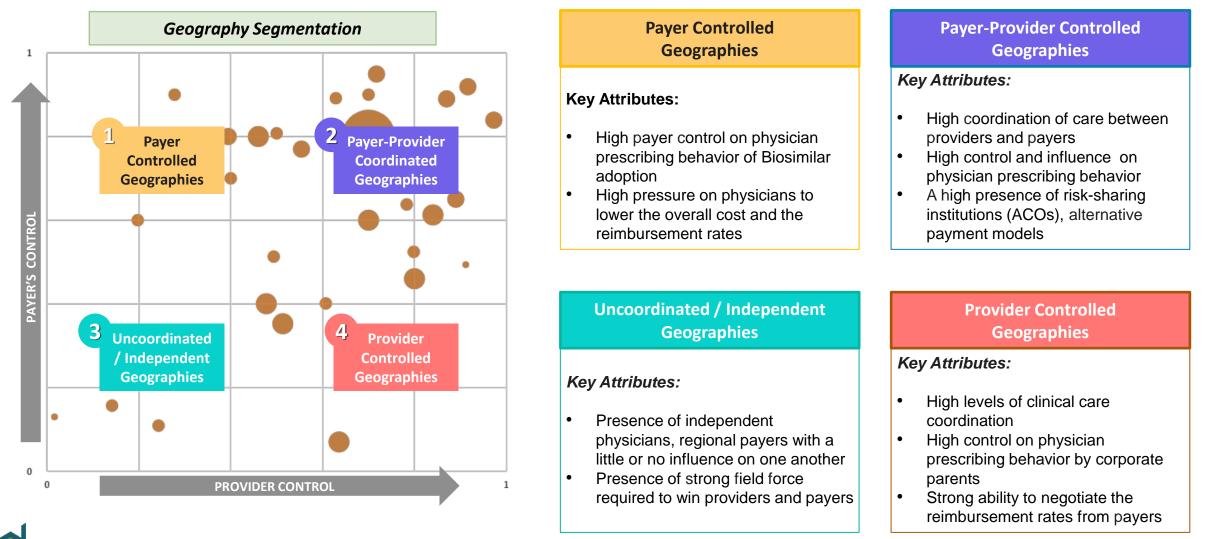


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GEOGRAPHY SEGMENTATION OF PAYER'S CONTROL ON BIOSIMILARS & REFERENCE PRODUCT VS. PHYSICIAN'S PRESCRIPTION PATTERN HELPS IN DEVELOPING TAILORED ENGAGEMENT STRATEGIES

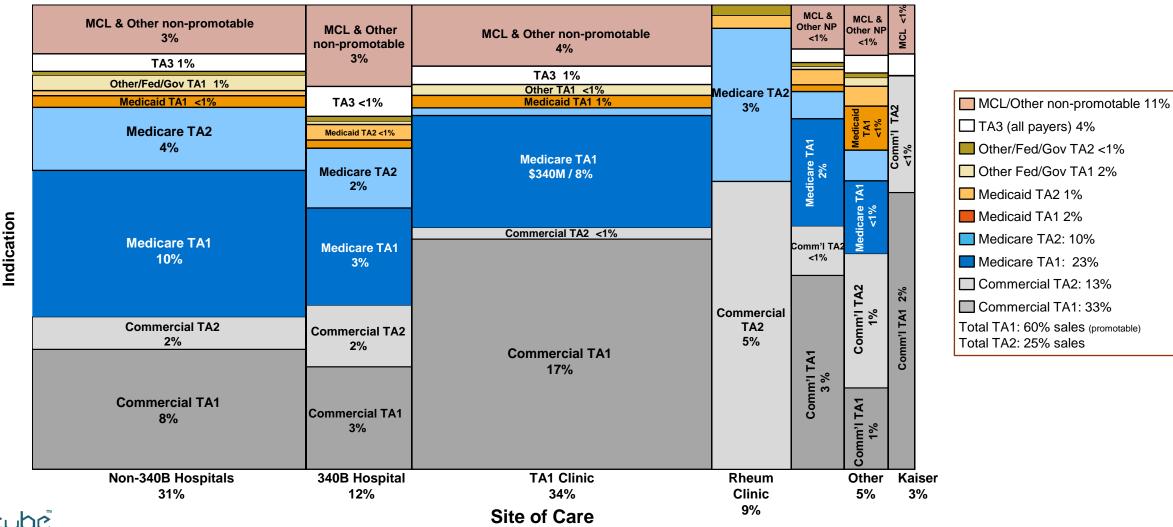




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A CROSS SECTIONAL VIEW ON PAYER X INDICATION VERSES SITE OF CARE TO IDENTIFY OPPORTUNISITC BLOCKS DRIVING THE BUSINESS OF THE REFERENCE PRODUCT FOR BETTER TARGETING



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by payer segment

% of \$

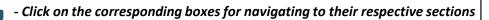
Sources: Payer Mix Data: DRG & Symphony Health, Volume Data: IMS DDD, Net Revenue: Manufacturer's Annual Financial Report, CMS ASP publication

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1.	OVERVIEW OF BIOSIMILARS & ITS MARKET POTENTIAL	<b>b</b>





RICH INSIGHTS FROM THIS ANALYTICAL FRAMEWORK HELP PHARMA COMPANIES IN DEVISING CONTRACTING, MARKETING AND FIELD FORCE EXECUTION STRATEGIES TO MAXIMIZE REVENUE

Helps in identifying the right set of payers with maximum potential to have contracts to uplift biosimilar adoption

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Helps in identifying the payers & providers with greater ability/influence in controlling biosimilar consumption in the market for targeting purposes

Key input for refining, optimizing and prioritizing the physician and account target list for the field force

Biosimilars Reimbursement related insights can help intervene different patient profiles with copay cards and other patient support programs 5

Better assessment of patient segments for customized and improved targeting activities to promote biosimilar adoption

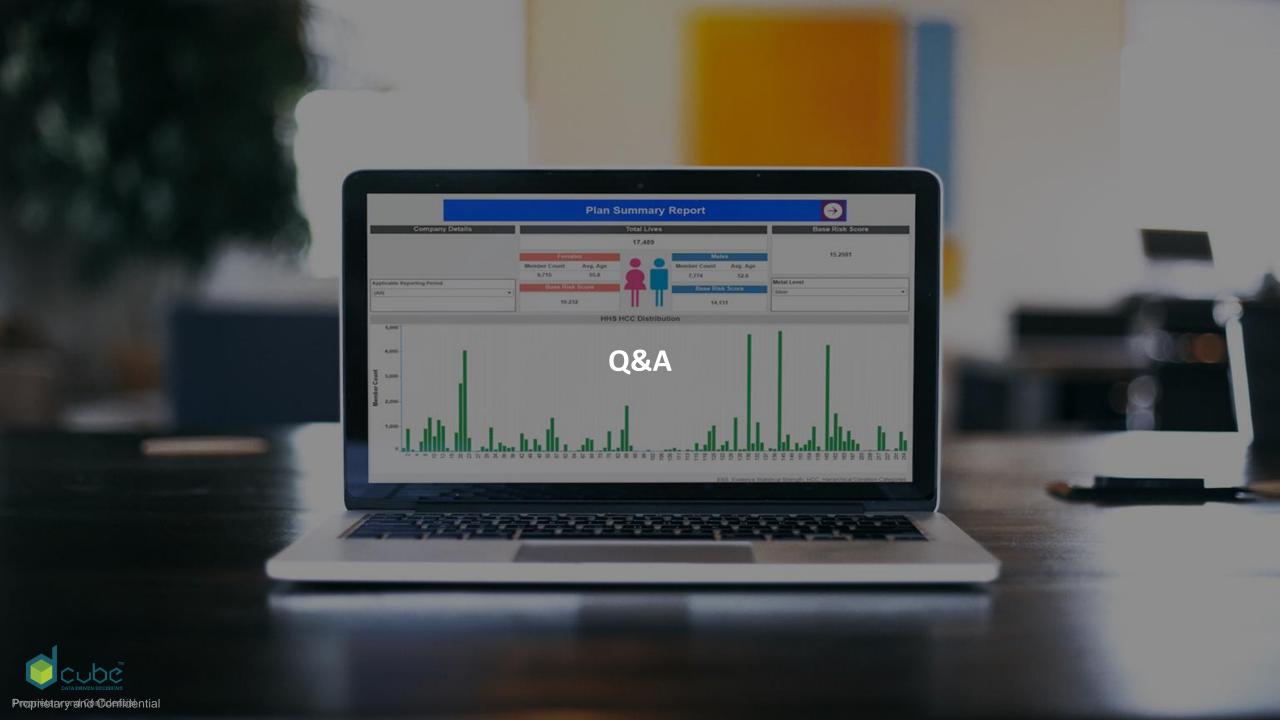
Insights regarding biosimilar preference from treatment pathway analysis can aid in datadriven targeting/educating/messaging activities to physicians and patients

Key input for identification and creation of KOLs list with biosimilar favorability and maximum influential network

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Slide. No.	Section	Referenced Source/Links
Slide 4	How are biosimilars different from their reference product?	https://www.amgenbiosimilars.com/-/media/Themes/Amgen/amgenbiosimilars- com/Amgenbiosimilars-com/pdf/USA-CBU-80723-2020-Amgen-Biosimilar-Trends-Report.pdf
Slide 5	Number of Approved vs Number of Available Biosimilars	https://www.amgaphiasimilars.com//madia/Thomas/Amgap/amgaphiasimilars
Slide 5	Cumulative Number of Biosimilars Approved for Marketing in Europe vs US	https://www.amgenbiosimilars.com/-/media/Themes/Amgen/amgenbiosimilars- com/Amgenbiosimilars-com/pdf/USA-CBU-80723-2020-Amgen-Biosimilar-Trends-Report.pdf
Slide 5	Uptake of biosimilars in the US (in terms of Units)	IQVIA MIDAS Reports
Slide 6	Estimated Growth of Biosimilars	https://www.marketsandmarkets.com/Market-Reports/biosimilars-40.html
Slide 6	Key Biologics with LOE between 2021-2030	http://gabi-journal.net/patent-expiry-dates-for-biologicals-2018-update.html
Slide 6	Estimated Biologic Patent Expiries	intep.//gabijournal.net/patent expiry dates for biologicals 2010 apdate.nem





## READY TO TEST DRIVE THE NEW PARADIGM?

### **REQUEST DEMO**

#### Contact

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Email info@dcubeanalytics.com

Website dcubeanalytics.com

#### Contact

Phone US : +1 847.807.4996 US Office D Cube Analytics Inc.1320 Tower Road, Schaumburg, Illinois 60173, USA

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