



# **CSL Limited**

## **JP Morgan Conference**

**Paul Perreault, CEO & MD**  
10th January 2018

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# CSL Today

CSL is a global specialty biopharmaceuticals company that develops and delivers innovative biotherapies that save lives, and help people with life-threatening medical conditions live full

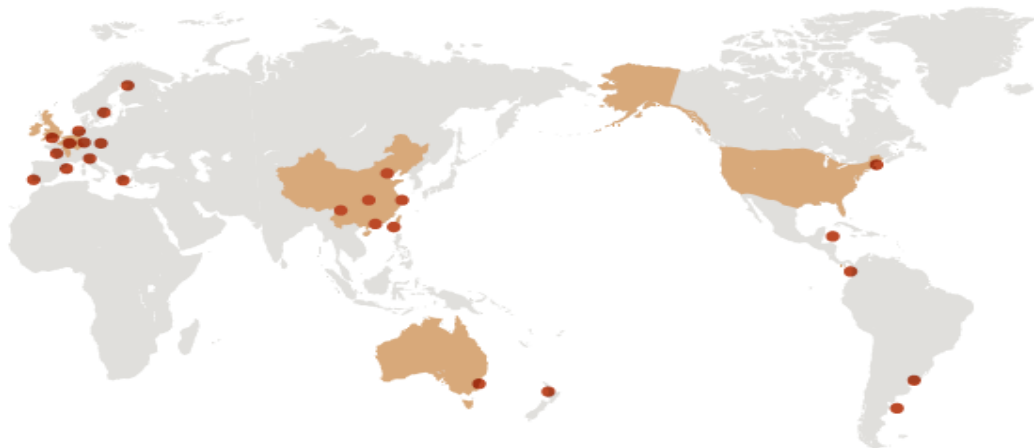
**30+**   
Countries  
Of operations around the world

US\$ **6.9+** Billion  
In annual revenue

**8**  
Manufacturing sites

 Australia  Switzerland  
 China  United Kingdom  
 Germany  United States

**19,000+**   
Employees around the world



US\$ **2.6** Billion  
In R&D investments in last 5 years  
advances exciting pipeline

**1,400+**   
R&D employees

**170+**   
Plasma collection centres across  
Europe and North America

**Global #1 in plasma therapies, #2 in influenza vaccines**  
**~US\$49bn market cap (Top #6 ASX-listing)**  
**A3 / A- credit rating (stable / stable)**

**CSL**

# Strategic Objectives



## Growth

Maximize portfolio value & deliver new product launches



## Efficiency

Be the most efficient, highest quality plasma player



## Influenza

Deliver on influenza strategy



## Innovation

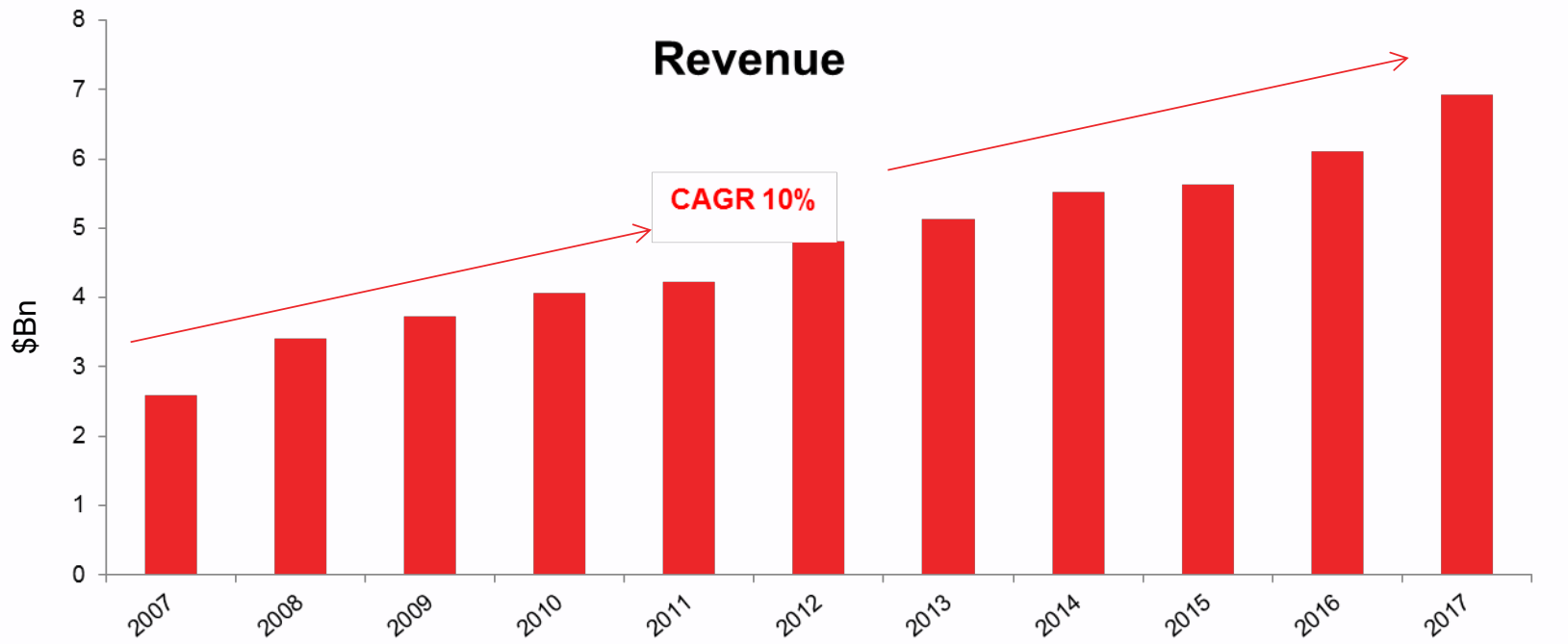
Pursue new opportunities to diversify portfolio and enhance growth



## People & Culture

Create a culture that attracts, retains and develops the best talent

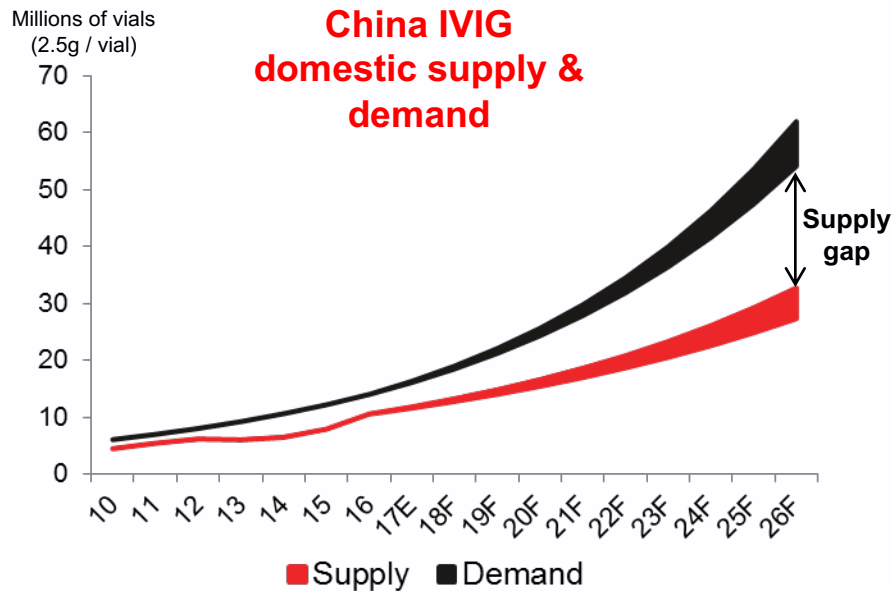
# Strong and Consistent Revenue Growth



# Presence in High Growth Market



## “Ruide acquisition”

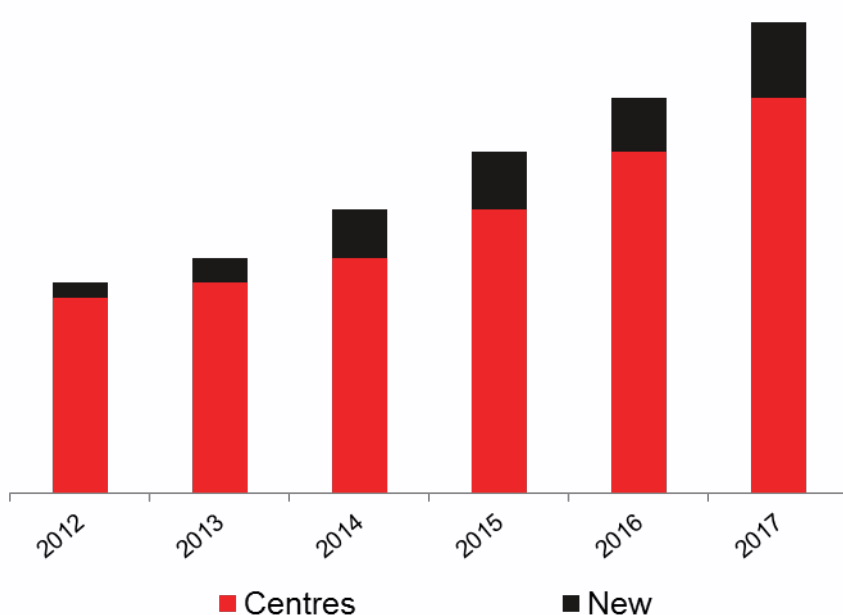


- Acquisition of a majority stake in Chinese plasma fractionator Ruide:
  - Modest entry point to key market
  - Deal closed 2 August 2017
  - CSL Behring has operational control
- Plasma products market in China:
  - ~US\$3.3b in 2016
  - 5 year growth rate ~15%
- China is the fastest Ig growth market:
  - Second in volume to the US
  - Demand forecasted to outstrip supply
- Planning for plasma centre expansion

# Efficient Plasma Collections Network



Efficiency



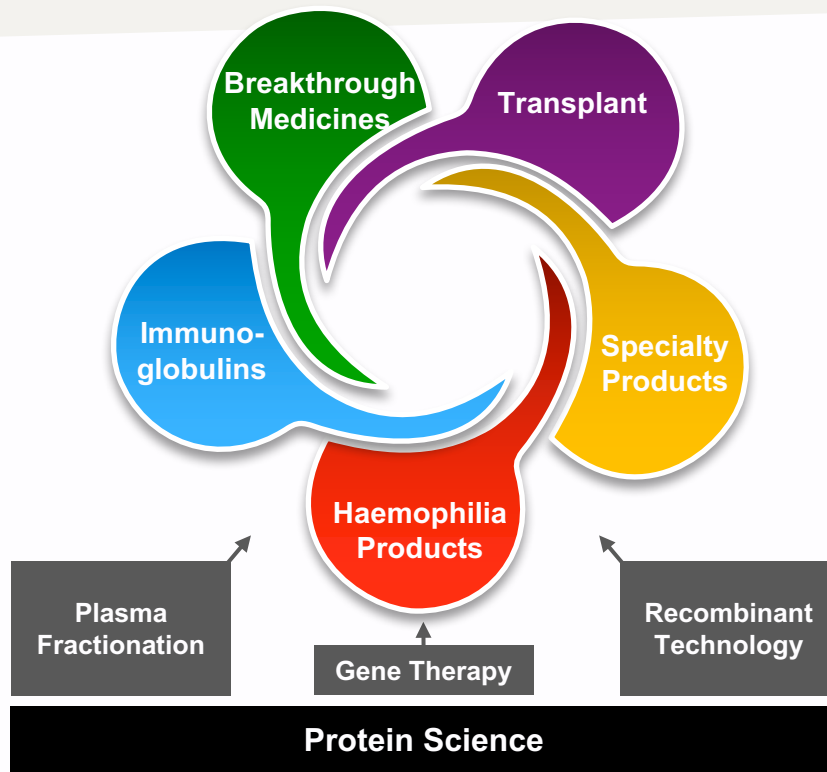
## As at June 2017

- Collection centres 176
- Unmatched rate of centre openings
  - 2-3 per month

## Outlook

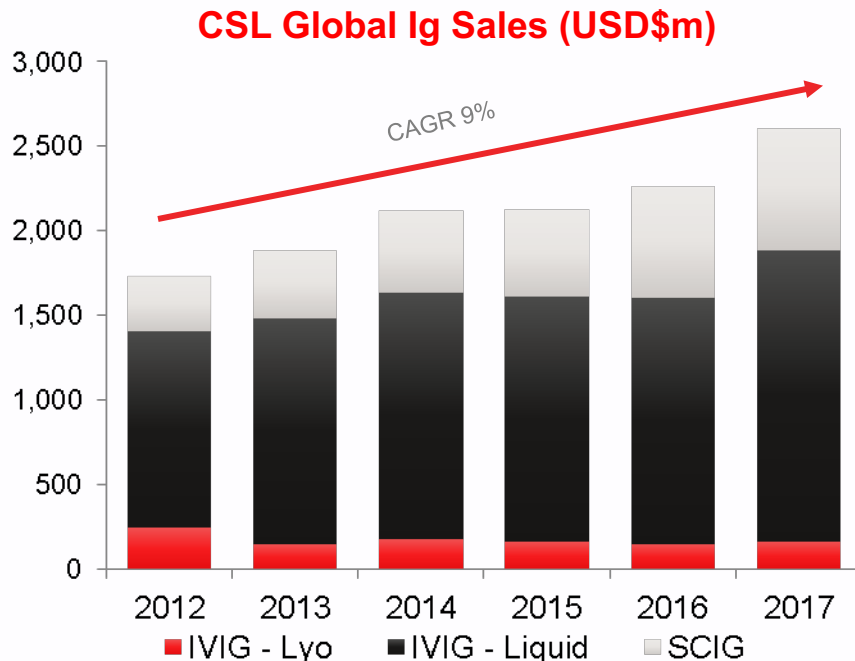
- ~25 to 30 centre openings in FY18
- CPL improves as more centres at peak efficiency
  - ~3 years from opening
- Replicating efficiencies in China over time

# Therapeutics Platform





# Strong Demand for Ig Products



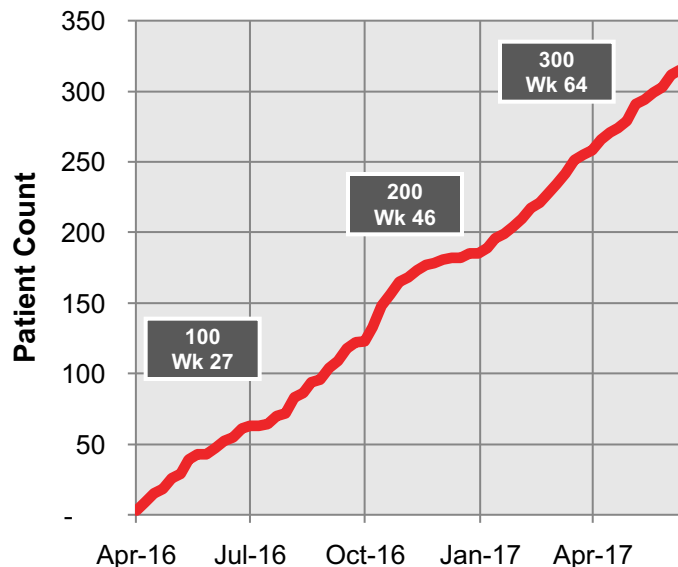
- SCIG in CIDP largely untapped
  - Hizentra® CIDP approval mid CY18
  - CIDP is largest Ig indication



- Developing new indications
  - Myositis
  - Scleroderma
- Fc mimetic technology in development
  - Momenta collaboration
  - Internal capabilities

# New Products in Haemophilia

## US IDELVION® PATIENT GROWTH



*27 weeks for 1st 100 patients  
19 weeks for 2nd 100 patients  
17 weeks 3<sup>rd</sup> 100 patients*

- IDELVION® demand exceptionally strong
  - Capturing >2/3 of patient switches
- AFSTYLA® switches largely being driven from Helixate®
- IDELVION® & AFSTYLA® delivers sales growth and margin expansion in the recombinant coagulation portfolio

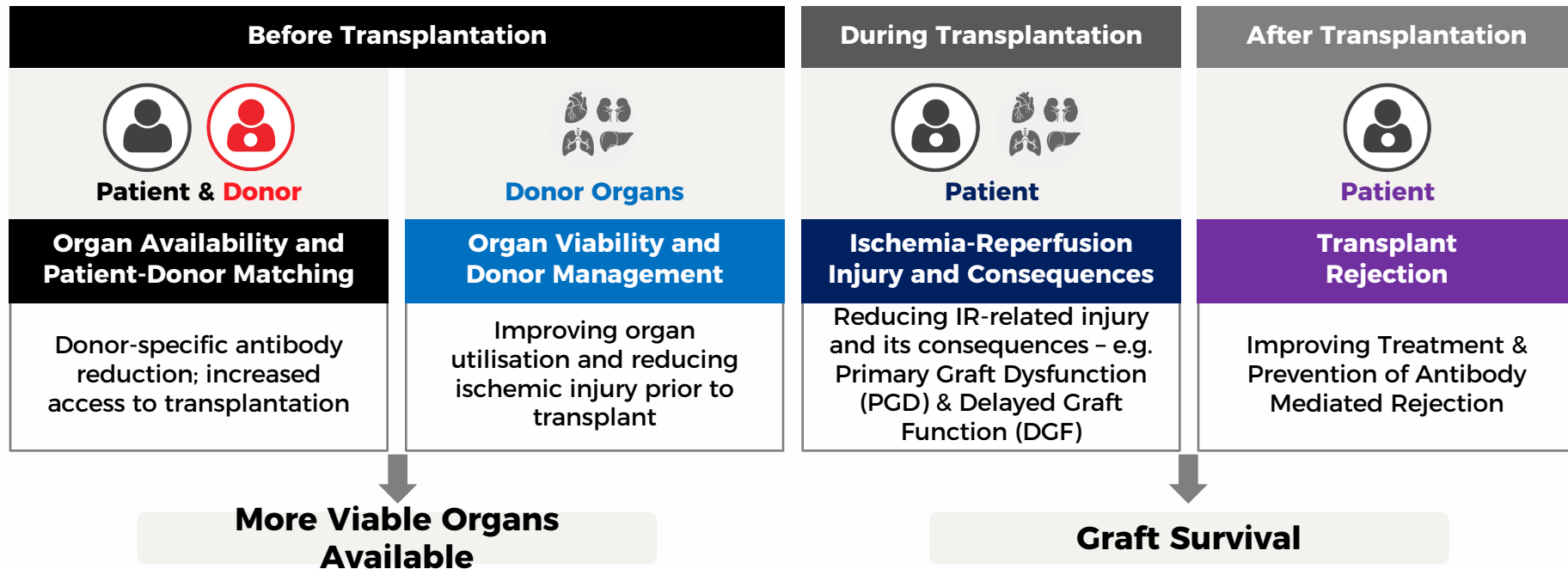
# Specialty Products – HAEGARDA®

Specialty  
Products

- Product launched July 2017
- 7 year orphan exclusivity
- First and only subcutaneous formulation
- 95% reduction in HAE attacks
- >99% reduction in the need for rescue medication
- Strong patient, physician and provider engagement



# Transplant: Unmet Medical Need



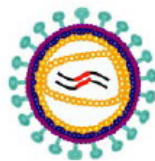
# Calimmune Technology

- Acquisition of California based biotechnology company:
  - Performance based milestones
- Gene / cell based therapy, rare genetic disorders:
  - ex vivo Lenti virus transduction of hematopoietic stem cells (HSC's)
- Calimmune differentiating technology:



## **Cytegrity** Lentivirus Manufacturing

- stable & scalable GMP  
compliant system



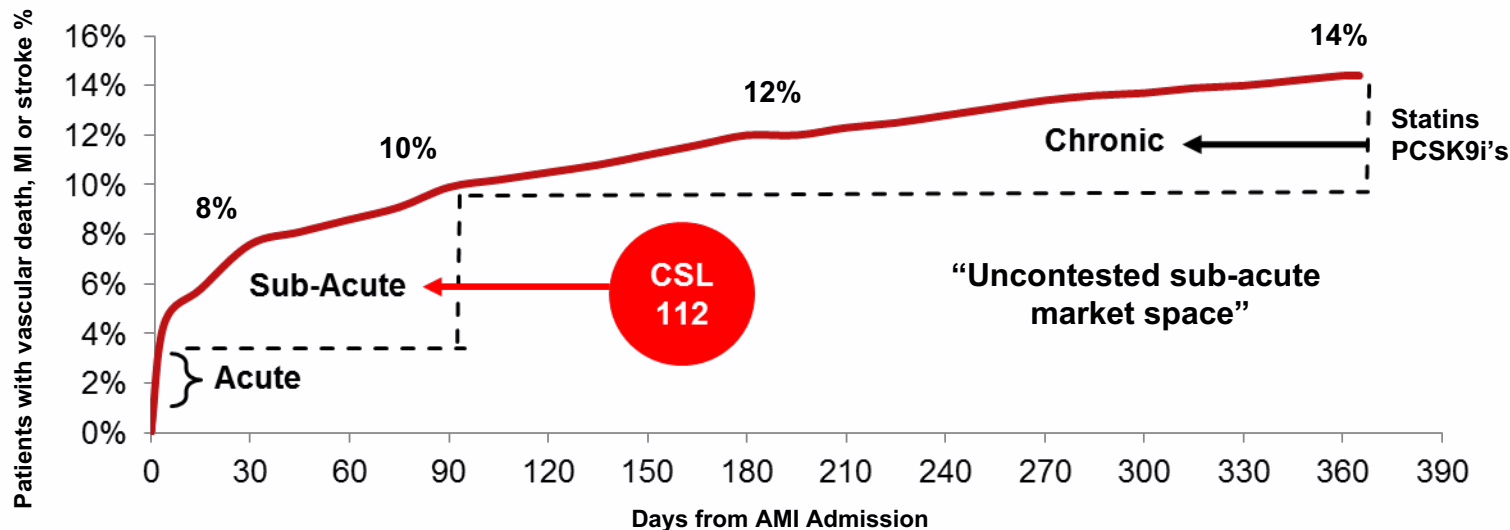
## **Select<sup>+</sup>** In Vivo Selection Tool

- drives engraftment with lower intensity  
conditioning
- significantly reduced burden on patient

# Cardiovascular Disease - CSL112

Breakthrough  
Medicines

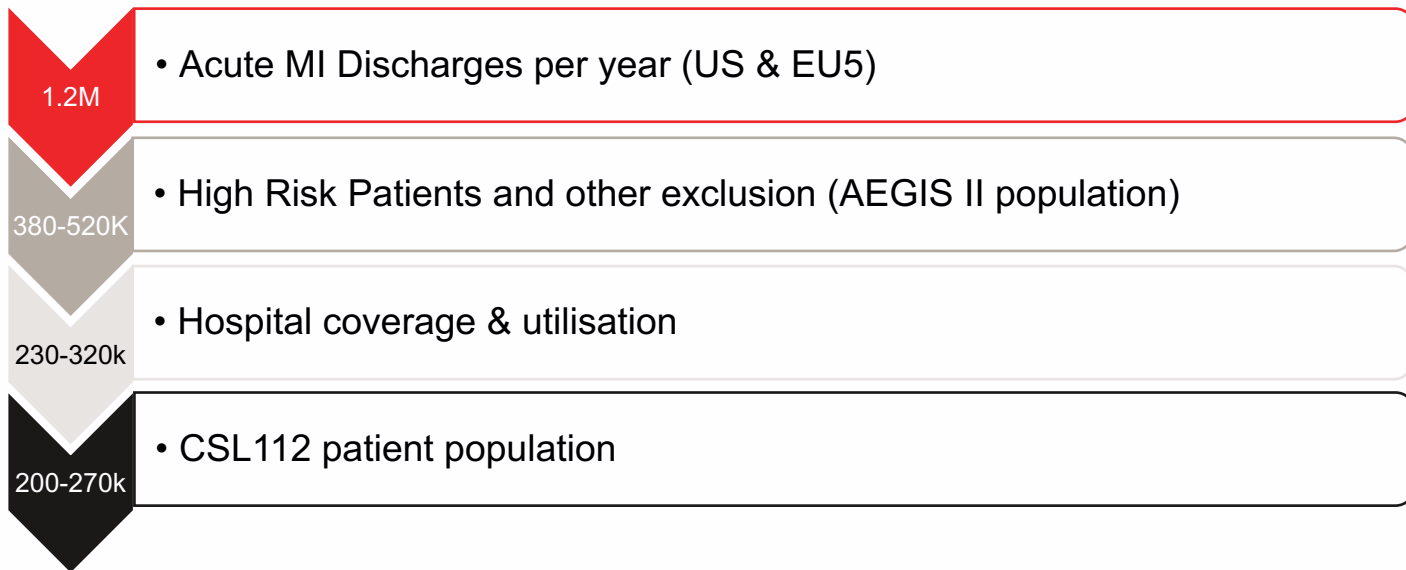
## AEGIS-II Population - High Early Recurrent Event Rate



US AMI Registry/Symphony Health Claims Database  
N=75,758 (AEGIS-II eligible); 2012-2015

# Significant Opportunity – CSL112

## Sub Acute Space



# Significant Launch Dates

2017	2018	2019	2020-2023
PRIVIGEN® CIDP US	HIZENTRA® CIDP US/EU	PRIVIGEN® CIDP Japan	Hizentra® IIM
		PRIVIGEN® PID/SID Japan	
		HIZENTRA® CIDP Japan	
AFSTYLA® EU/Japan		pdFVIII Ruide	
CSL830 HAEGARDA® US	CSL830 EU		
KCENTRA® Japan			
			CSL112 ApoA-I
AFLURIA® QIV 5-17yr US	AFLURIA® QIV 6m-4yr US	AFLURIA® QIV 6m-5yr AUS	
	AFLURIA® QIV 5-17yr AUS	QIV EU	
	FLUAD® QIV 6m-23m US		
			CSL842 C1-INH AMR
Core Capabilities: Immunoglobulins   Haemophilia   Specialty Products   Breakthrough Medicines   Vaccines & IP   Transplant			clazakizumab* Transplant



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## CSL Limited

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