



# Dag van de Tips

28 September 2019 - Gent



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CEO Bone Therapeutics



*New frontiers in orthopaedics  
and bone diseases*



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# EEN GEDREVEN MANAGEMENT TEAM



Benoit Moreaux, PhD  
*Chief Scientific and Technology Officer*



Jean-Luc Vandebroek  
*Chief Financial Officer*



Thomas Lienard  
*Chief Executive Officer*



Olivier Godeaux, MD  
*Chief Medical Officer*



Linda Lebon  
*Chief Regulatory Affairs Officer*



- Industrie-expertise om Bone Therapeutics tot het stadium van commercialisering van de eerste producten te brengen
- Met ruime ervaring in klinische ontwikkeling, farmaceutische regelgeving, zakelijke ontwikkeling en biotechnologische productie

# EEN ERVAREN RAAD VAN BESTUUR



**Claudia D'Augusta**  
*Onafhankelijk Bestuurslid*



**Gloria Matthews**  
*Onafhankelijk Bestuurslid*



**Damian Marron**  
*Onafhankelijk Bestuurslid*



**Jean Stéphenne**  
*Voorzitter van de Raad  
van Bestuur*



**Jean-Paul Prieels**  
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**Thomas Lienard**  
*Uitvoerend Leidinggevend  
Bestuurslid*



**Jean-Luc Vandebroek**  
*Uitvoerend Leidinggevend  
Bestuurslid*





# HERTEKENEN VAN HET ORTHOPEDISCHE LANDSCHAP

tot

EEN WERELD WAAR ONZE BAANBREKENDE BOTTHERAPIEËN  
MENSENLEVENS HELPEN HEROPBOUWEN

# BONE THERAPEUTICS IN EEN NOTENDOP



Minimaal invasieve  
**allogene botceltechnologie &**  
**verrijkte proteïne-oplossing**



Gericht op **orthopedische**  
en **botaandoeningen**  
met **hoge medische noden**



Gevorderde klinische pijplijn  
gericht op **3 indicaties**,  
waarvan er **2 fase II / III** ingaan



Sterk **IP Portofolio**,  
**Infrastructuur en know-how in**  
de productie van **celtherapeutische**  
**producten**

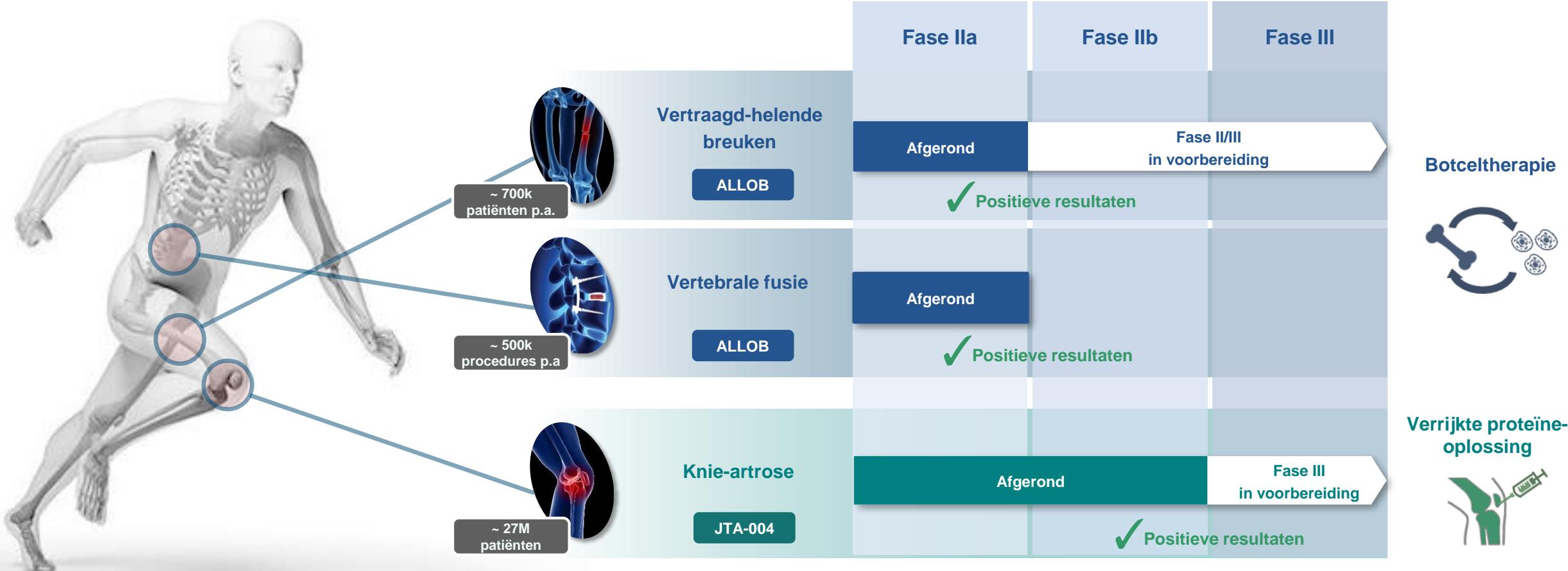


Ervaren **Management Team** en **Raad van Bestuur**, en goed opgeleide werknemers (~ 20% PhDs) met relevante industrie-expertise



**Spin-off** van **ULB**,  
Genoteerd op **Euronext Brussel & Parijs**

# EEN GEVORDERDE KLINISCHE PIJPLIJN GERICHT OP GROTE ORTHOPEDISCHE AANDOENINGEN MET HOGE ONBEANTWOORDE MEDISCHE NODEN

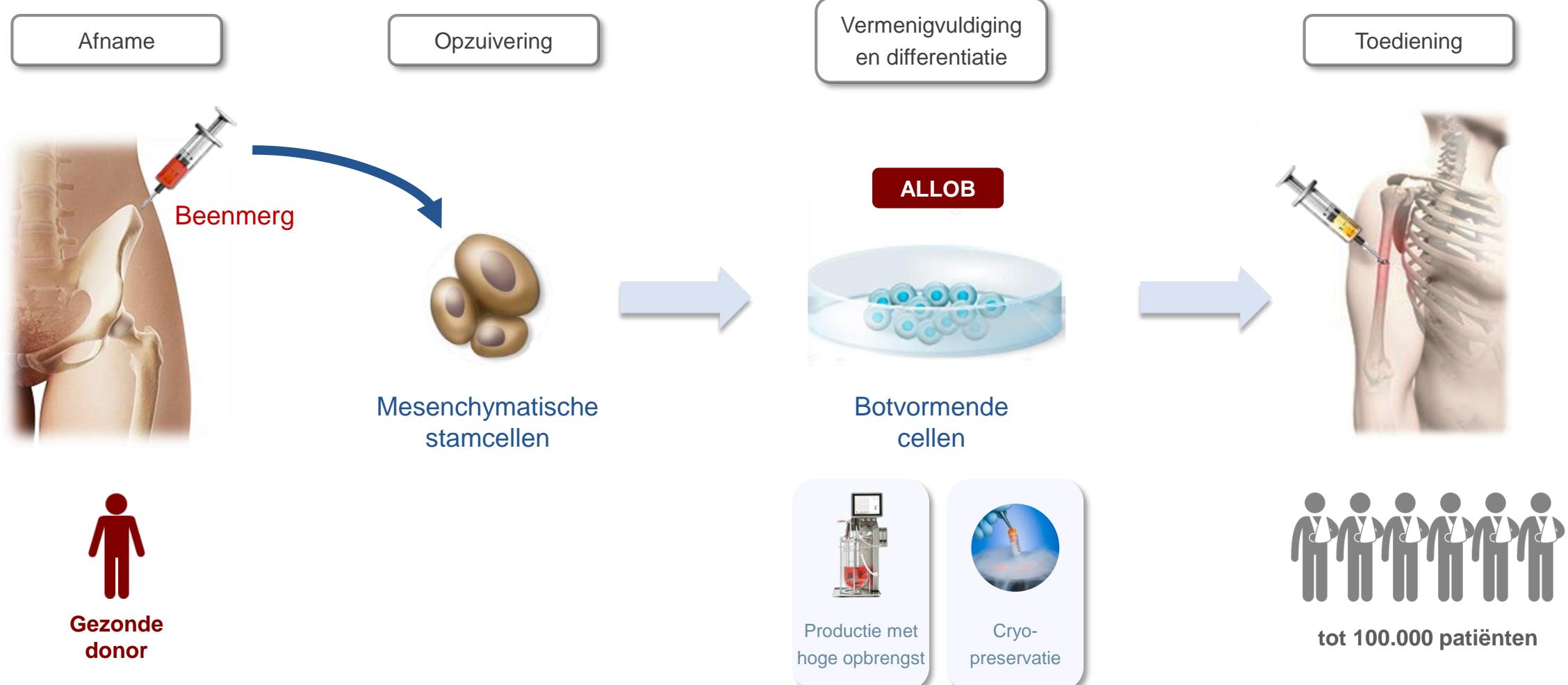


# ALLOB

EEN INNOVATIEF ALLOGEEN BOTCELTHERAPIE-PLATFORM  
GERICHT OP ORTHOPEDISCHE AANDOENINGEN  
MET HOGE NODEN

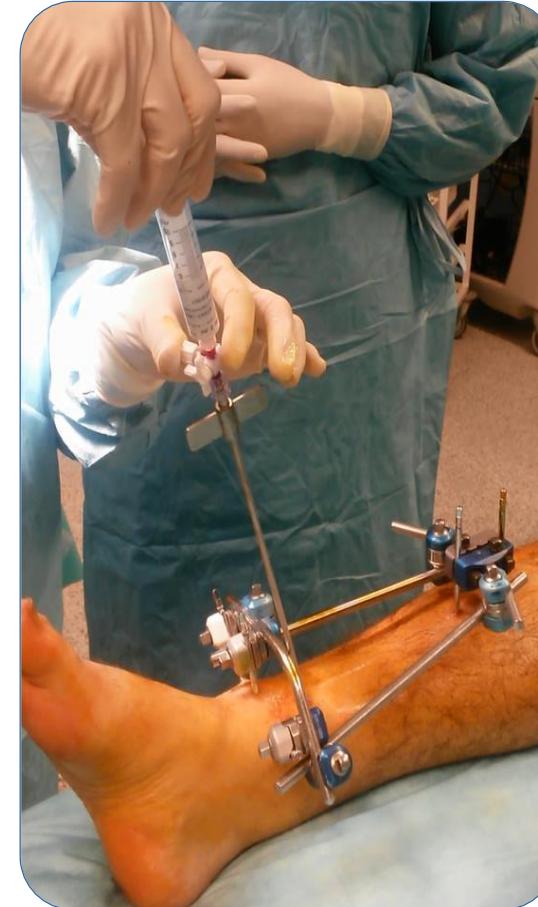
GEBASEERD OP HET UNIEKE GEBRUIK VAN

# GEDIFFERENTIEERDE BOTVORMENDE CELLEN



# MINIMAAL INVASIEVE TOEDIENING

- Snelle en eenvoudige toediening
- Geen open operatie
- Dagopname



# VERTRAAGD HELENDE BREUKEN

## EEN GROTE MARKT MET BEPERKTE THERAPEUTISCHE OPTIES



ALLOB



> 700.000 gevallen van vertraagd helende breuken per jaar wereldwijd



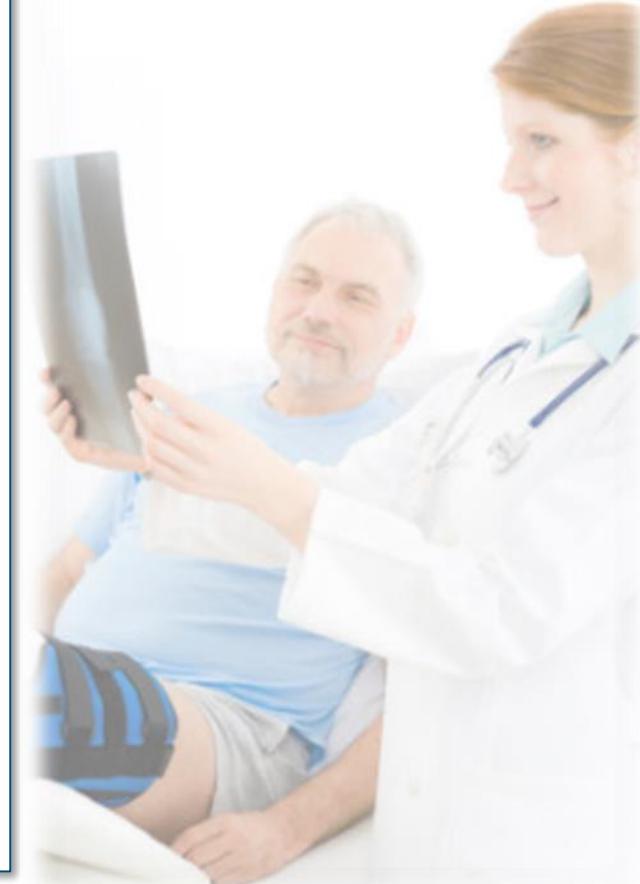
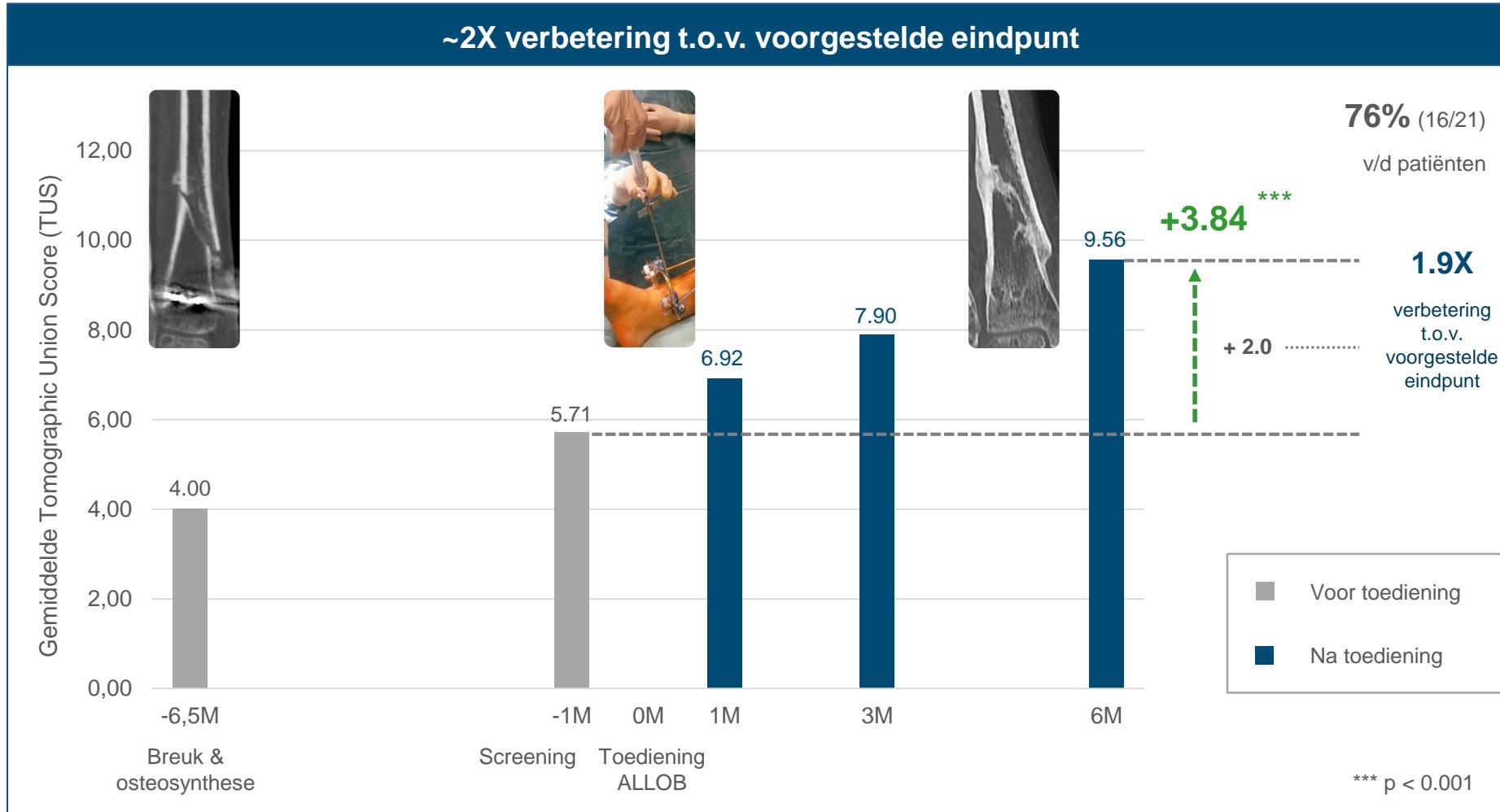
5+% stijging op jaarbasis van de markt



- “Wait & See” is huidige aanpak
- Hoge ziektelast

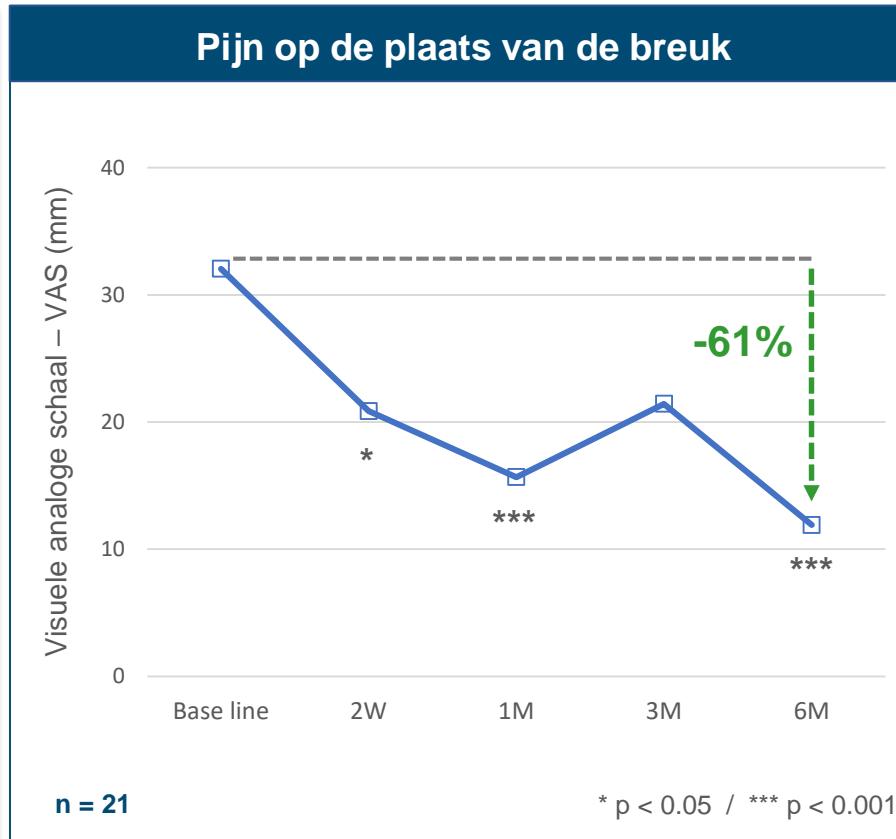
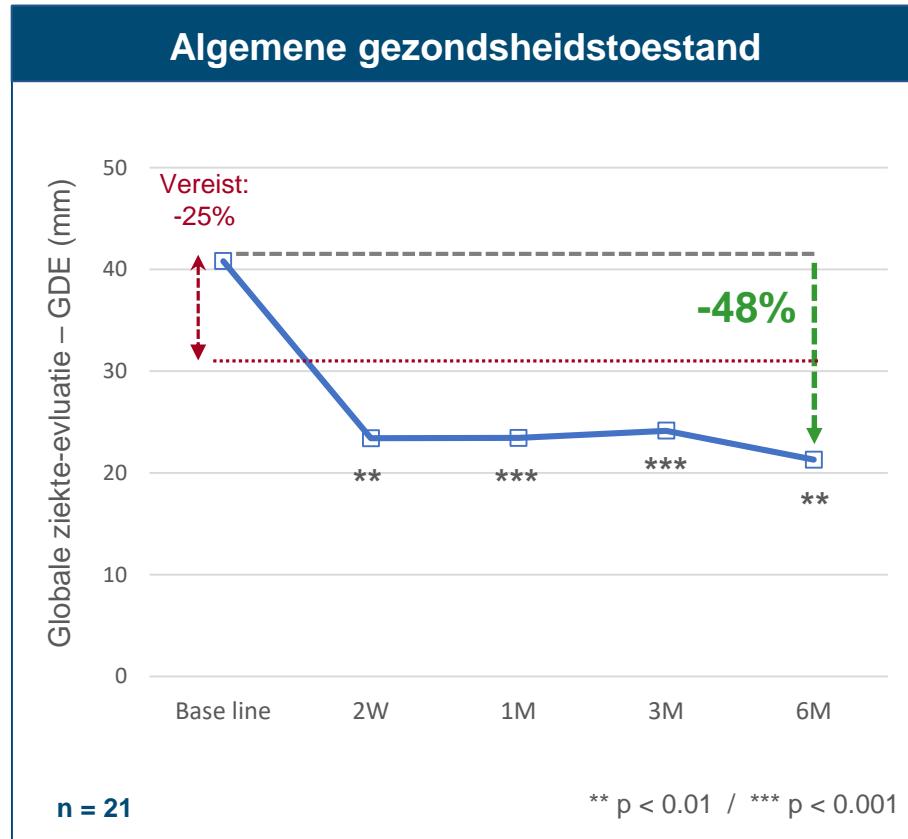
## RESULTATEN FASE I/IIA STUDIE IN VERTRAAGD-HELENDE BREUKEN MET ALLOB

# SIGNIFICANTE RADIOLOGISCHE EVOLUTIE IN DE GENEZING VAN DE BREUK



## RESULTATEN FASE I/IIA STUDIE IN VERTRAAGD-HELENDE BREUKEN MET ALLOB

# SIGNIFICANTE KLINISCHE VERBETERING IN ALGEMENE GEZONDSHEIDSTOECOND EN PIJN



# JTA-004

EEN GEBRUIKSKLARE VERRIJKTE PROTEÏNE-OPLOSSING  
VOOR EEN VEEL VOORKOMENDE KNIEAANDOENING

# KNIE-ARTROSE

MEEST VOORKOMENDE KNIEAANDOENING WERELDWIJD

MET GROTE ONVERVULDE NODEN



Meest voorkomende gewrichtsaandoening  
27 miljoen gevallen in EU, VS en Japan



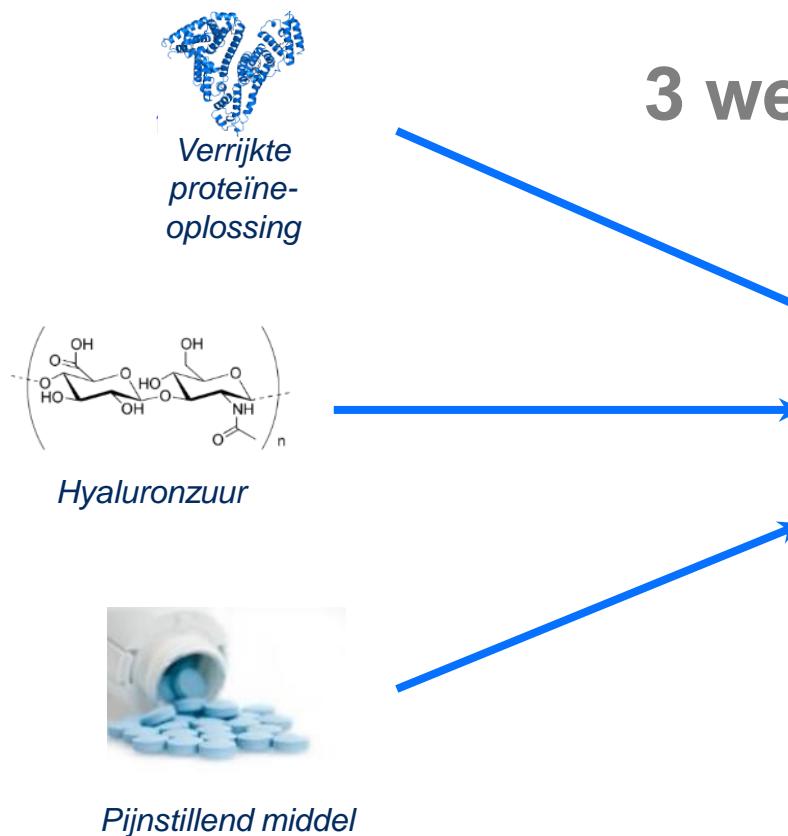
Geschatte jaarlijkse stijging 8+%



- Viscosupplement als een symptomatische behandeling
- Werking met een beperkte duur

# JTA-004 EEN NIEUW INJECTEERBAAR PROTEINE-OPLOSSING

Een gebruiksklare, verrijkte proteïne-oplossing  
bestaande uit



**3 werkzame bestanddelen**

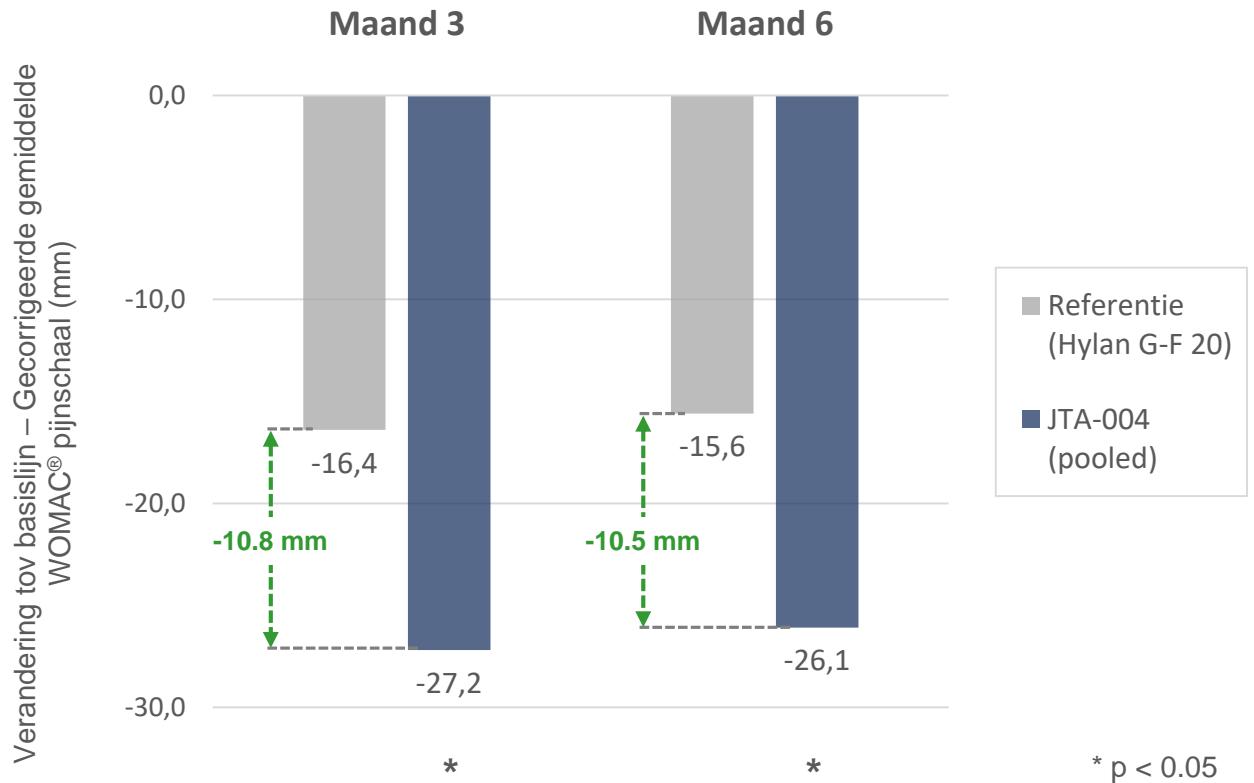


# BETERE PIJNVERLICHTING IN VERGELIJKING MET MARKTLEIDER



**Significant sterkere pijnvermindering ten opzichte van marktleider**

*Post hoc analyse JTA-004 (pooled) vs Hylan G-F 20*





## 2 PRODUCTEN KLAAR VOOR FASE II/III EIND 2019

### ALLOB



Bot-  
celtherapie

- Gedifferentieerde, actieve botvormende cellen
- Allogeen (uit beenmerg van een gezonde donor)
- Injecteerbaar (minimaal invasief)
- Economische, grootschalige productie
- Klaar voor gebruik
- Markten :
  - Breuken met een hoog risico op vertraagd en niet-helende breuken (>1M gevallen per jaar)
  - Procedures voor vertebrale fusie (~ 500k patiënten per jaar)

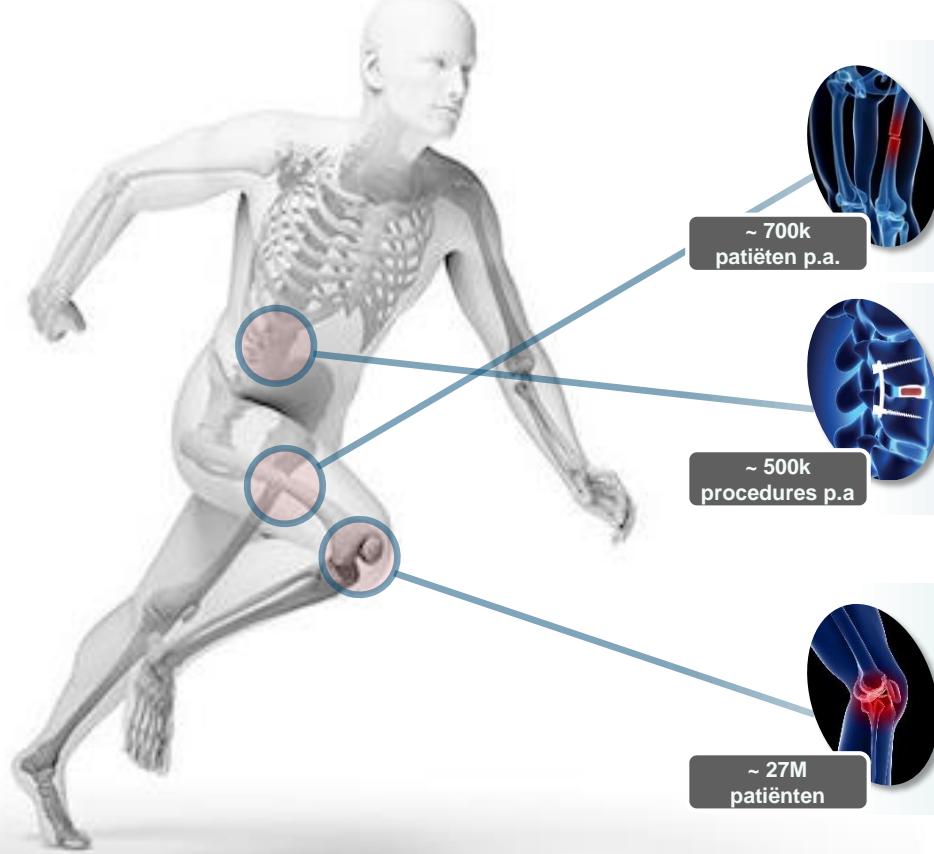
### JTA-004



Verrijkte  
proteïne-  
oplossing

- Gepatenteerde samenstelling van 3 werkzame stoffen
- Handige, eenmalige injectie
- Pijnverzachtend & smerende eigenschappen
- Betere pijnbestrijding versus marktleider
- Eenvoudig productieproces
- Markt : Artrose van de knie (~27M patiënten per jaar in de EU/VS/JAP)

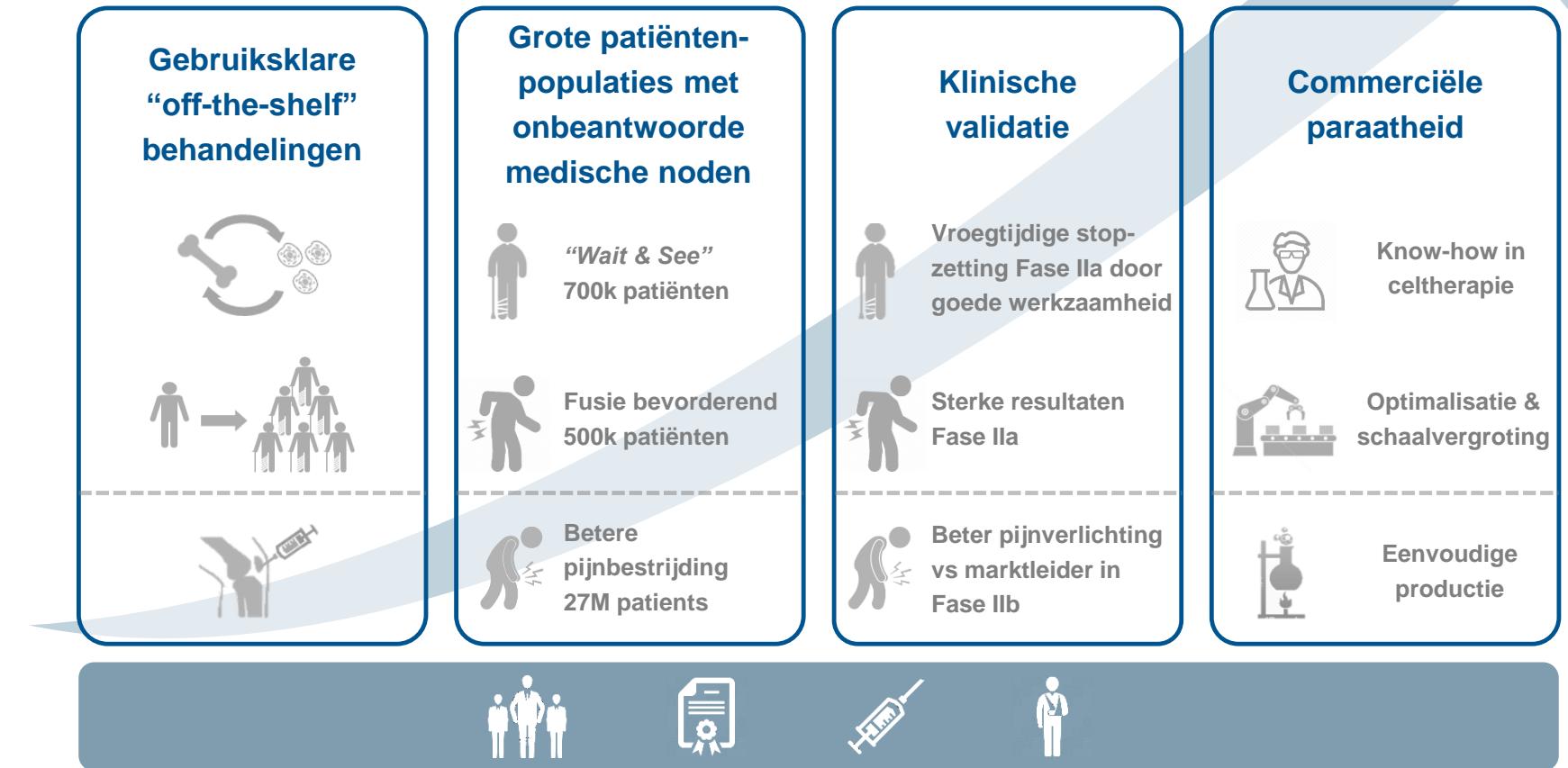
# BELANGRIJKSTE MIJLPALEN IN 2019 - 2020



# DRIVERS VAN ONZE WAARDECREATIE



*Exploring new frontiers in orthopedics and bone diseases*



# Vragen ?



# Contact

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Wallonie

