

**VASCage**

**Innovations from Bench to Bedside**  
**VASCage – Centre for Clinical Stroke Research**



## Longevity Research

Cellular and vascular mechanisms such as inflammation, etc.

Living conditions such as stress, poor sleep, etc.

**OUR VISION** is to extend the healthy lifespan by prevention and optimal treatment of stroke.

**OUR MISSION** is to conduct top quality clinical trials and life science research to translate scientific findings into new products, processes and services.

YEAR

1900

AGE-RELATED DISEASE

HEALTHSPAN

AGE

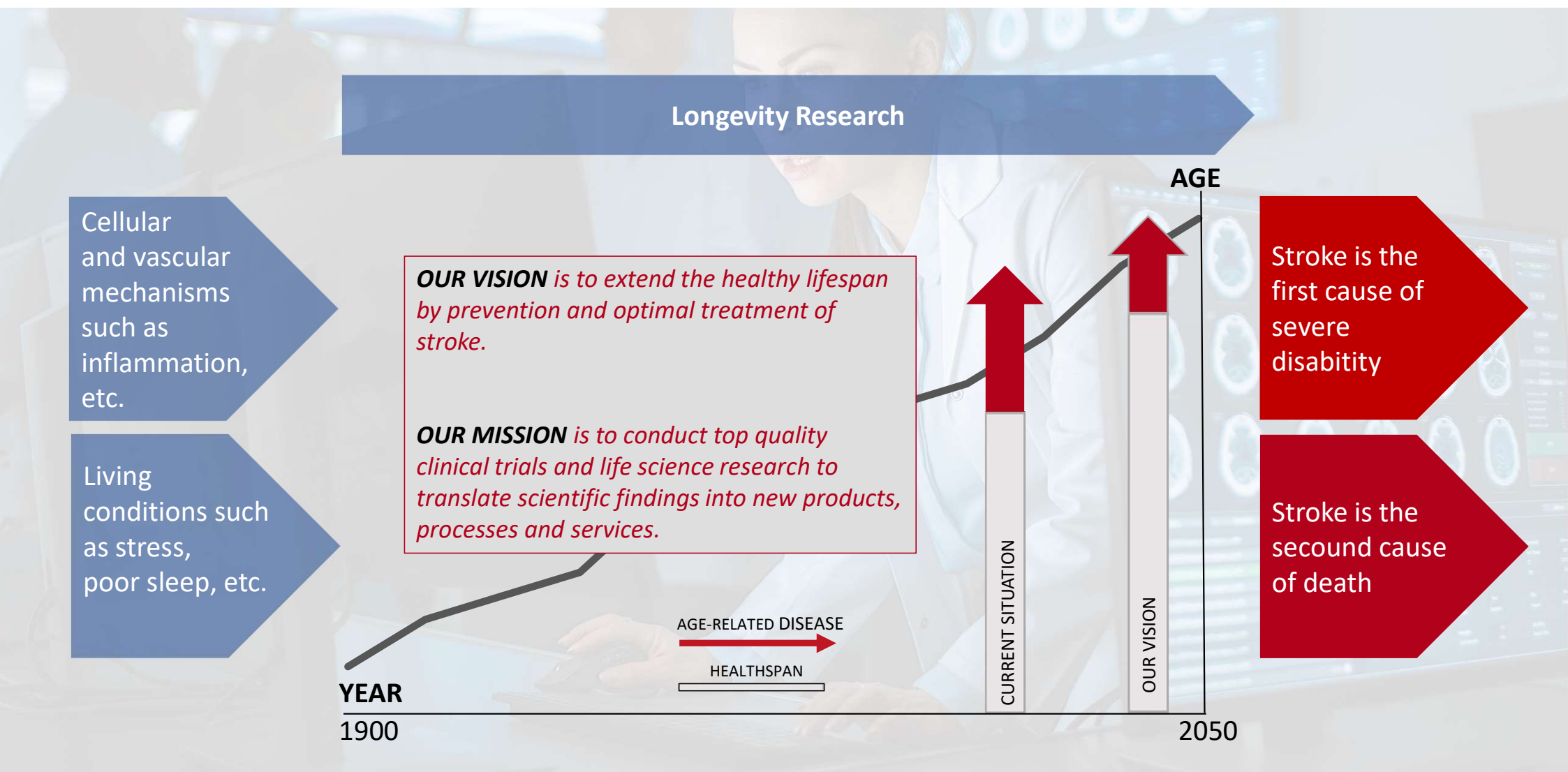
CURRENT SITUATION

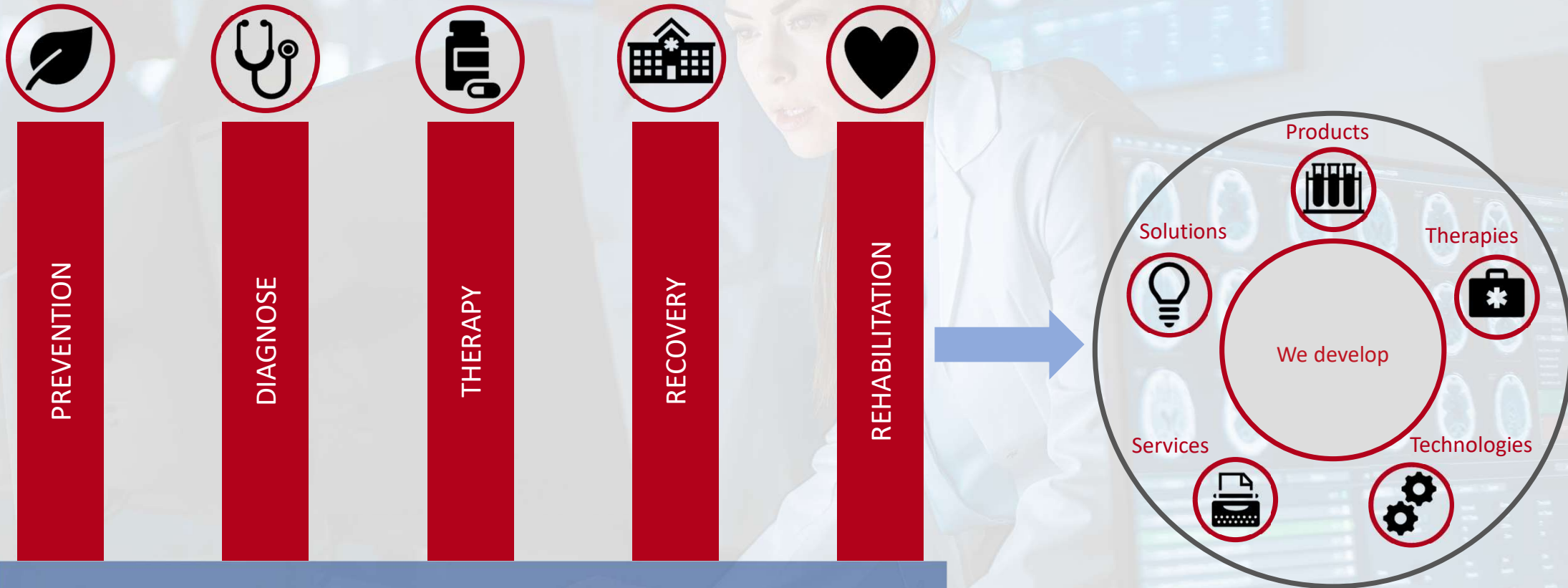
OUR VISION

2050

Stroke is the first cause of severe disability

Stroke is the second cause of death





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## Prevention, Therapies and Rehab Products such as:

- Rehabilitation Equipment
- Digital Applications / EEG Devices / Sensor Support

## Therapy such as:

- Rehabilitation Techniques (Movement Therapies, Speech and Dysphagia Therapies)
- Treatment Pathways

## Development of Technologies such as:

- Imaging Technologies
- Machine / Deep Learning / AI – Analytics
- Virtuelle Reality



## Holistic Approach:

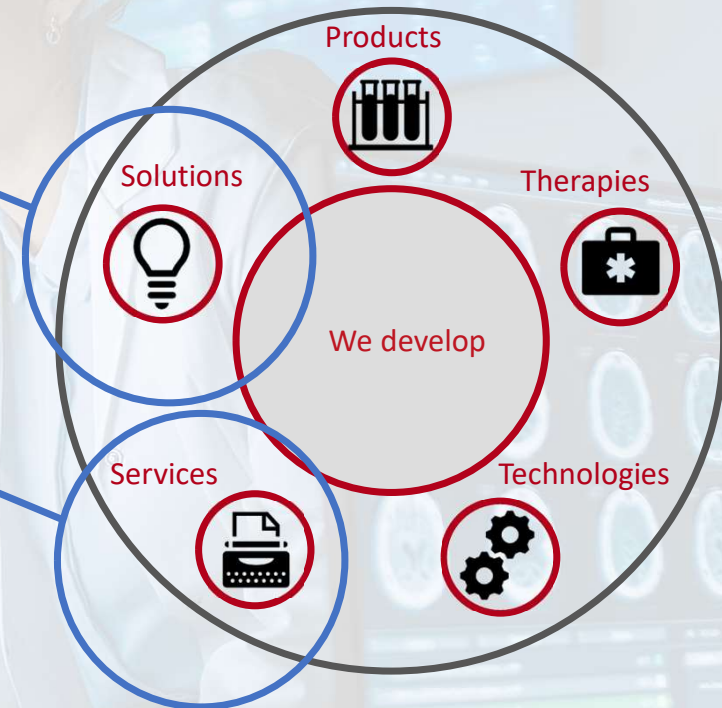
We want to develop effective and clinical proven solutions together with our partners.

## Strong USPs of our Research Services and Infrastructure:

- Clinical Studies -> fast access to patients -> „ACTstroke“
- BioBank -> Comparative Samples
- Data Analytics

## We have established a strong Partnernetwork:

- Laboratories
- Omics
- Imaging Core Labs
- Next generation Diagnose
- Mitochondrial Diagnosis



**Area A**  
**Stroke Etiology and**  
**Prevention**

**Area B**  
**Stroke Management and Rehabilitation**

**Area C**  
**Clinical Trials**

**Area D**  
**Data Science and**  
**Tele-Health**





# VASCage

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- Austrian Ministry of Labour and Economy

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