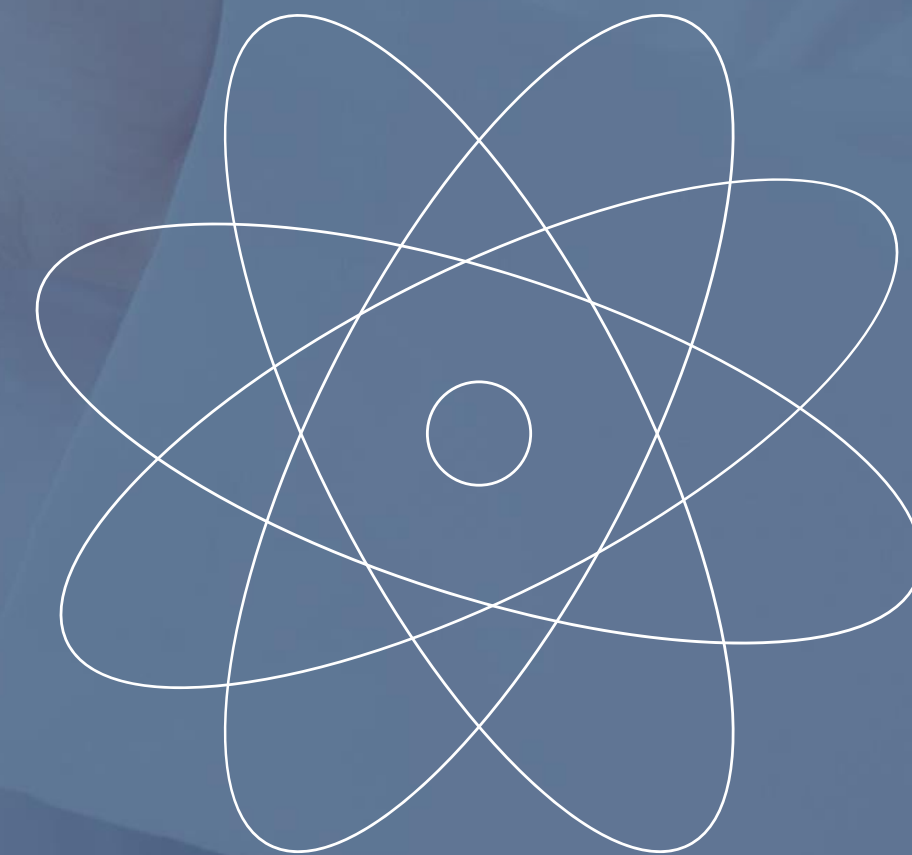


# Memulai Trombolisis di Ruang CT Scan



x x x x x x  
x x x x x x

# Problem

## Life threatening dan disabilitas<sup>1</sup>

Penyebab kematian tertinggi dan angka kecacatan 32% dari total kasus

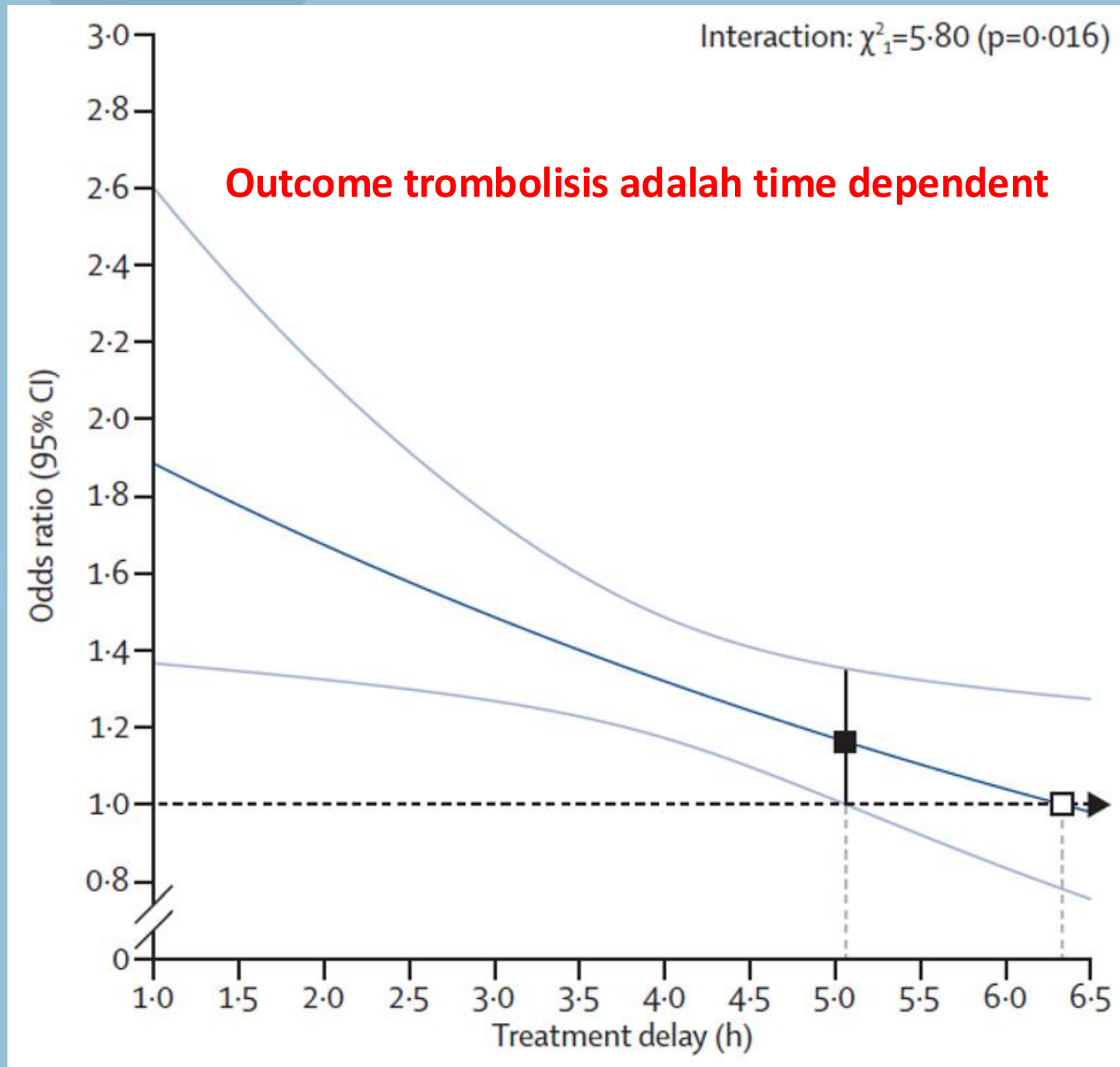
## Golden periode trombolisis 4,5jam<sup>2</sup>

“Best medical treatment” pada stroke iskemik akut

x x x x x x x x x x x x  
x x x x x x x x x x x x  
x x x x x x x x x x x x

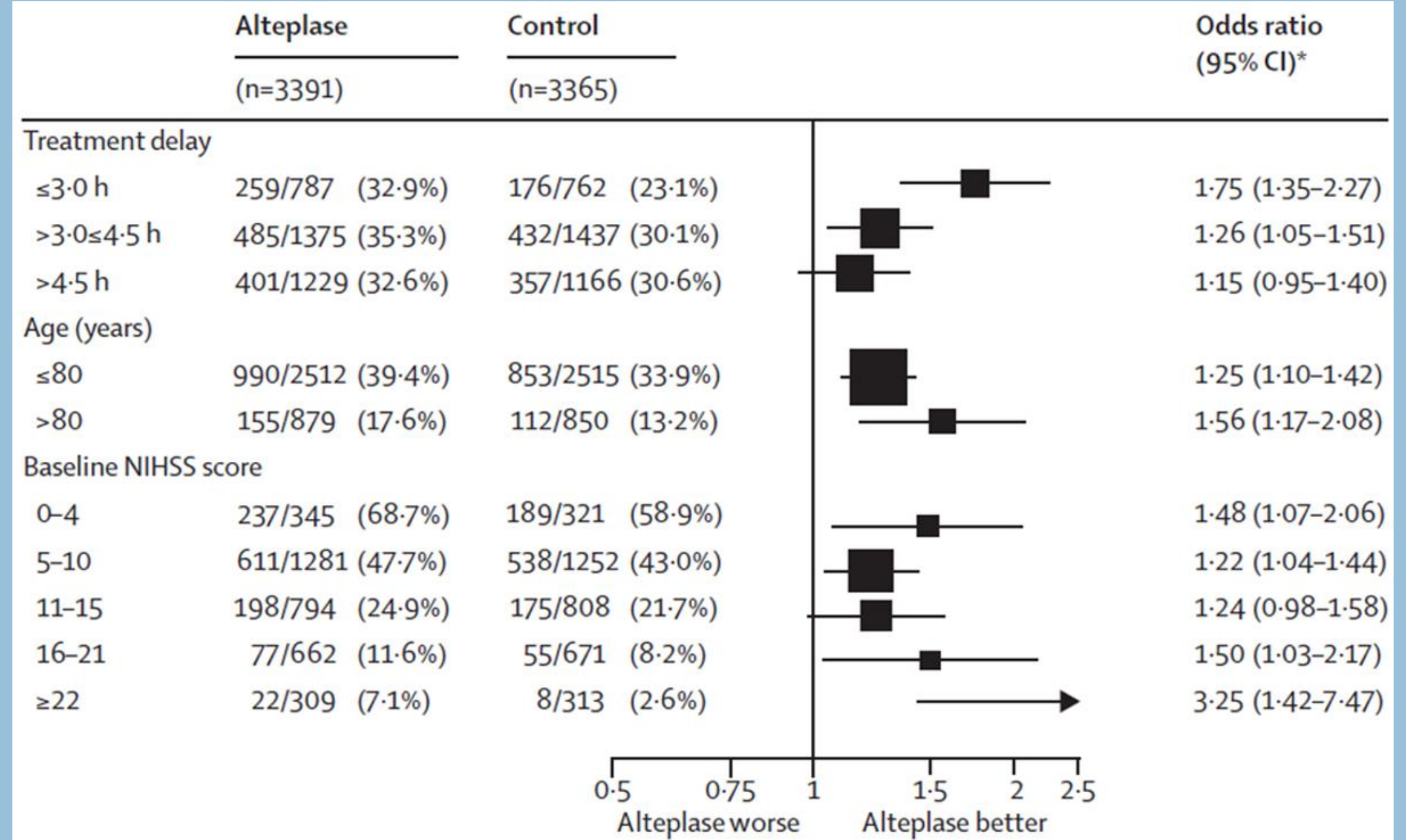


# Significance



Effect of timing of alteplase treatment on good stroke outcome (mRS 0–1)

Source : Lancet 2014; 384: 1929–35



Effect of alteplase on good stroke outcome (mRS 0–1), by treatment delay, age, and stroke severity

**Earlier treatment better outcome for patients**

# Solution

Grup I:  
2015 - 2021



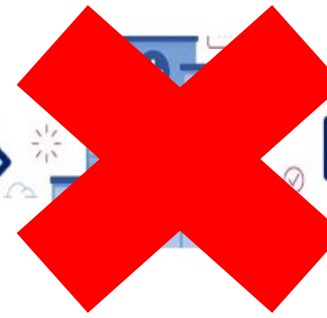
Pasien



ED



CT  
Scan



Kembali ke  
ED



Trombolisis

Grup II:  
2022 - 2023



Pasien



ED



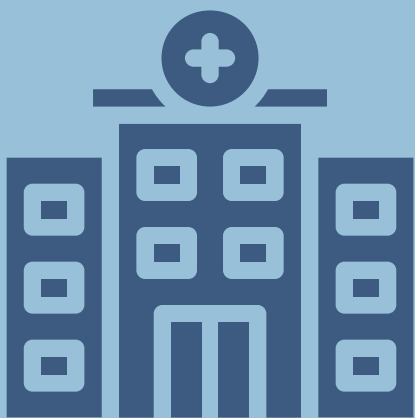
CT  
Scan



Trombolisis

## Door to Needle (DTN) Time

DTN adalah waktu antara  
ketibaan pasien di ED sampai  
dengan dimulainya trombolisis



# How It Works?

## Paging System #1

Sistem Pengeras suara yang memberitahu semua departemen.

## Team Work #2

- RMO
  - Neurologis
  - Perawat ED
  - Laboratorium
  - Radiologi
  - Farmasi
- Protokol

## Commitment #3

Komitmen dari seluruh tim untuk siap menjalankan protokol CODE FAST





# Projected Impact

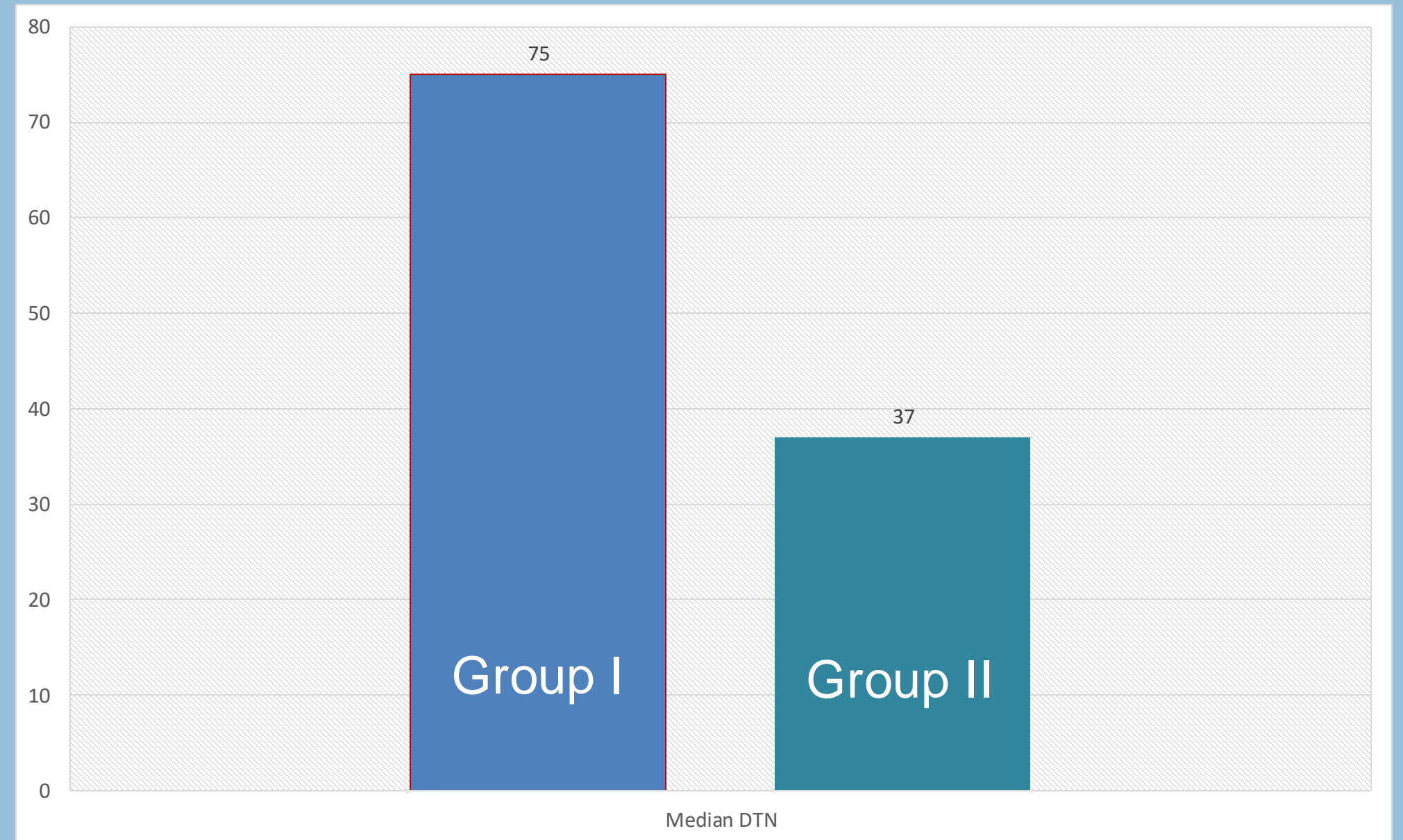
Karakteristik	Grup I N = 33 pasien	Grup II N = 36 pasien
<b>Usia (tahun)</b>		
Mean	65,9	62,8
Median	67	58,5
<b>Jenis Kelamin (Laki-laki)</b>	20 orang (61%)	21 orang (58%)
<b>NIHSS Score saat di ED (0-42)</b>		
Mean	7,3	6,7
Median	6	5,5
<b>Median DTN time</b>	75 menit	37 menit



# Traction: Feasibility

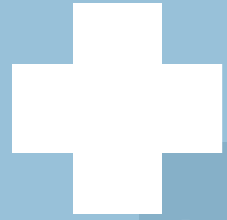


Akselerasi Door To Needle Time (DTN) = 38 Menit

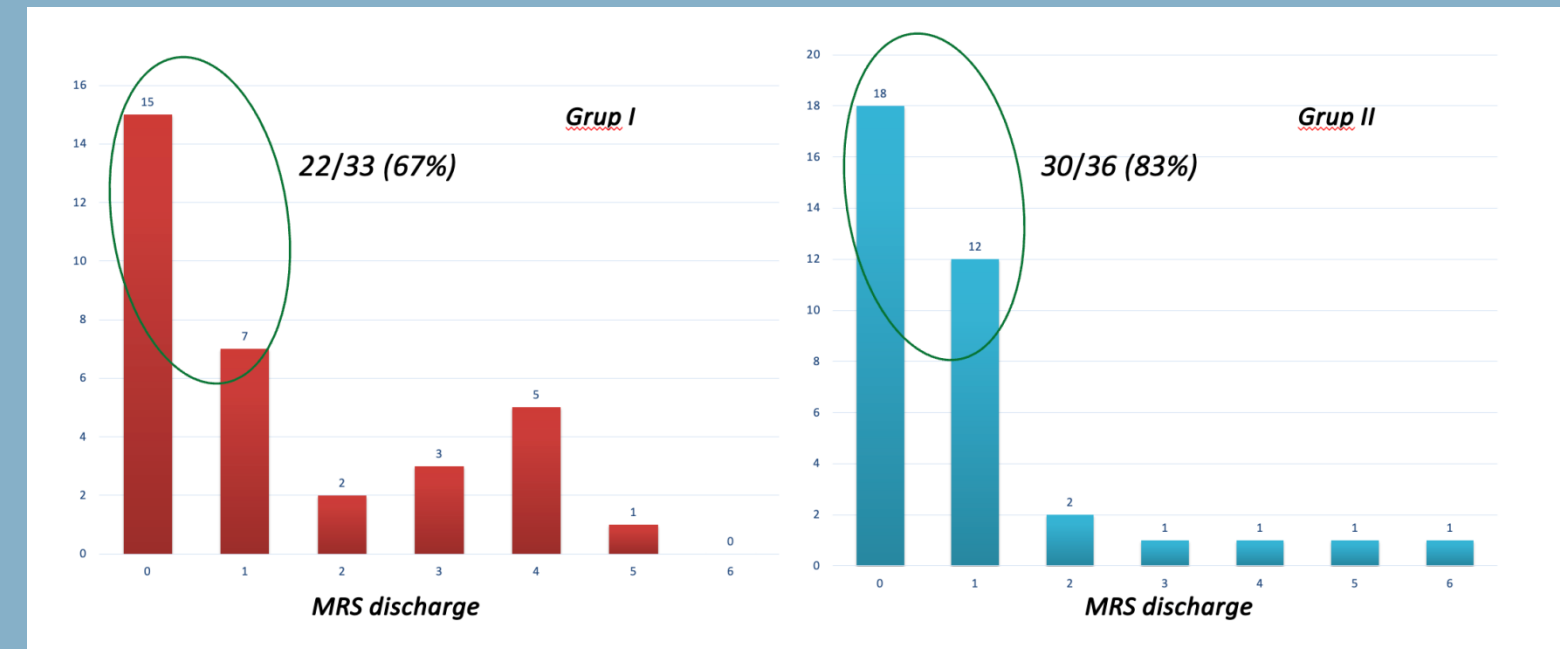




# Traction: Viability

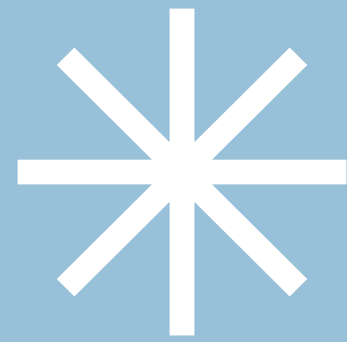


Points	Grade of Disability
1	No symptoms.
2	No significant disability. Some symptoms but able to carry out all usual activities.
3	Slight disability. Able to perform daily activity without assistance, but unable to carry out previous activities.
4	Moderate severe disability. Needs for assistance for own bodily needs, unable to walk alone without assistance.
5	Severe disability. Unable to attend own body needs without constant assistance, nursing care and attention. Incontinent.
6	Dead.

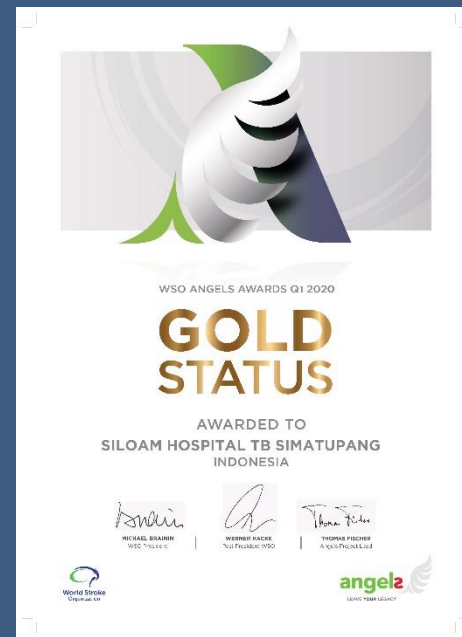




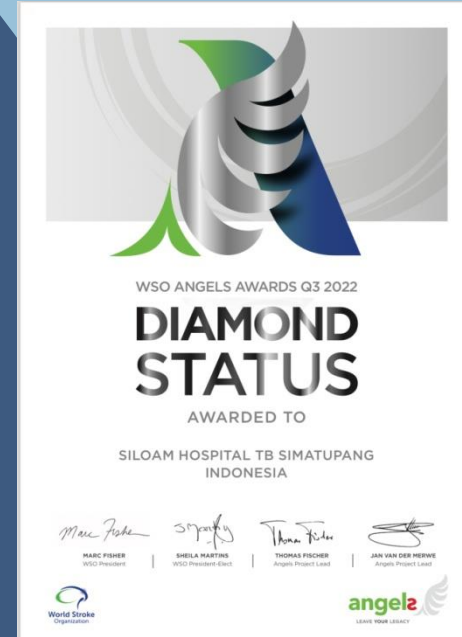
# Uniqueness



## Impact to Hospital



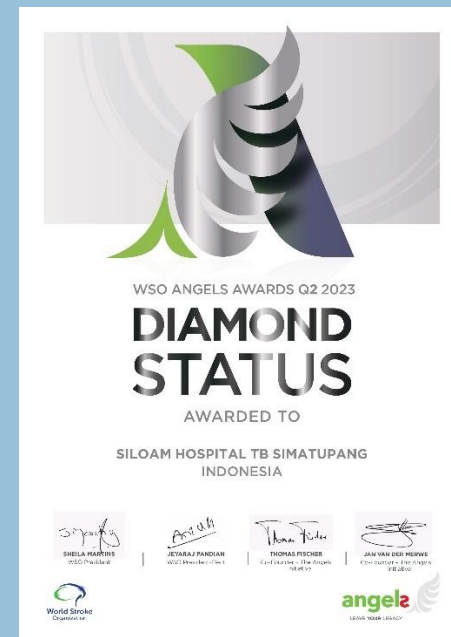
Q1 2020



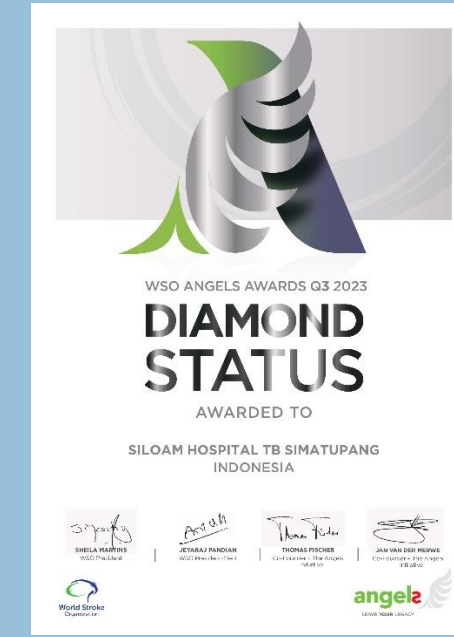
Q3 2022



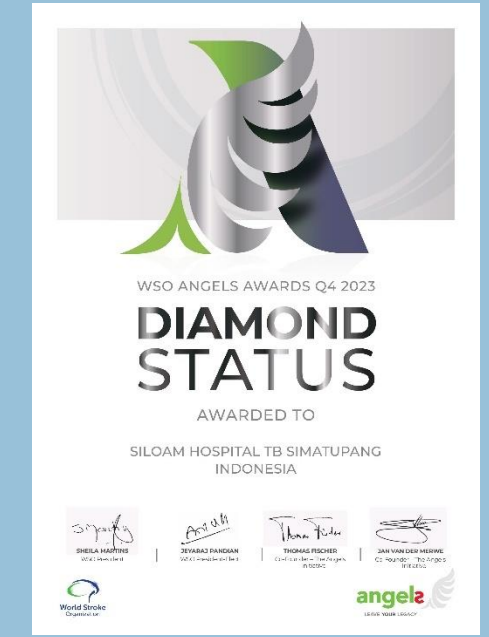
Q1 2023



Q2 2023



Q3 2023

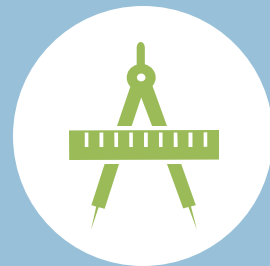


Q4 2023

Supported by: World Stroke Organization (WSO) & ANGELS



# Roadmap



Diterapkan di  
unit SHTB;  
Door to Needle  
<60 menit

[2023]

Diterapkan di  
unit SHTB;  
Door to Needle  
<30 menit

[2024]

Diterapkan di  
unit Siloam  
Regional 1

[2025]

Diterapkan di  
seluruh Siloam  
Hospitals

[2026]

“Selamatkan nyawa dalam 60 menit dari stroke iskemik untuk kehidupan yang lebih baik”

~~Stroke?~~

