



Great Plains Health

Reviewing

- Alteplase Treatment Time
- Length of Stay
- Discharge Disposition
 Skilled Nursing Facility vs Inpatient Rehab
- Working Age vs Retirement



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Alteplase Treatment Time

- The American Heart Association (AHA) recommendation
- Door to Alteplase treatment 60 min or less
 Award Levels for Alteplase Treatment
 - Door to Alteplase treatment 60 min or less 100% of the time
 - Door to Alteplase treatment 45 min or less 75% of the time
 - Door to Alteplase treatment 30 min or led 50% of the time





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+ Great Plains Health Poll Who received treatment of Alteplase within 30 min or less for Nebraska in 2021? - Men - <mark>Women</mark>



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Contributing Factors... Females have increased risk for Atrial Fibrillation.

- Females have more comorbidities.
 Females present with atypical symptoms.
- Females present with apprais symptoms.
 Females have higher incidence of being diagnosed
 with a mimic.
 Migraines
 Hypertensive Emergency
 Encepthalopathy
- Encephalopathy
 Encerspace treatment in hospitals without a stroke
 program.
 Diagnostic Imaging delays for women
 Mission Life Line Stroke Nebraska
 Get With the Guidelines Award 2020

+ Great Plains Health Length of Stay (LOS) • The median LOS is 7 days. Severity of stroke in general prolongs LOS. 9 10 11 12 • It is not clear whether the influence of sex on 4 15 16 17 18 19 LOS reflects the impact of culture difference or is 16 22 23 24 252 due to other factors. A longer LOS can be associated with reduced readmission rates and mortality rates. 223 • A longer LOS is common among Stroke Certified Hospitals. • Typical LOS is five to seven days.



















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Poll	
 What age range do men have more strokes then women? Age < 18 Age = 18 - 45 Age = 46 - 65 Age = 66 - 85 Age > 85 	
 What age range do women have more strokes then men? Age < 18 Age = 18 - 45 Age = 46 - 65 Age = 66 - 85 Age > 85 	



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- Overall...
- · Delay in arrival.
- Atypical presentation.
- Under-represented in Trials.
- Increased age affects treatment, comorbidities, and severity of stroke symptoms.
- Insurance.

- Life expectancy.
 Socio-economic levels, the ability to afford the care.
 Females have increased risk for Atrial Fibrillation.





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