

NSW Telestroke Service

Nursing Education: Descriptions, Learning Objectives and Standards

The NSW Telestroke Service provides targeted education sessions for Telestroke referral sites across regional NSW.

The following table provides a brief description of each topic, specific learning objectives and the National Safety and Quality Health Safety (NSQHS) Standards to which each topic aligns.

If you would like more information, or would like to organise an education session for your hospital, please contact us on:

SESLHDNSWTelestrokeService@health.nsw.gov.au

Topic	Description	Learning Objectives	NSQHS Standards
NSW TSS Model of Care (MOC)	<p>This session provides clinicians with an understanding of the NSW Telestroke Model of Care (NSW TSS MOC) by taking clinicians through the step- by-step escalation process of a patient with suspected stroke at a Telestroke referral hospital.</p> <p>This session will examine the nurses' role and practical considerations in a Code stroke using the NSW TSS MOC.</p>	<ul style="list-style-type: none"> • Identify the step-by-step escalation process for a patient presenting with signs of stroke using the NSW TSS MOC • Examine nurses' role in each step of the NSW TSS MOC • Identify nursing considerations at each step of the NSW TSS MOC 	<ul style="list-style-type: none"> • Clinical Governance • Communicating for Safety • Recognising and Responding to Acute Deterioration
NSW TSS Patient Experience	<p>This session is reflective, prompting nurses to reflect on a patient's experience and how to provide person-centred care. There are two patient experience sessions following Dennis and John.</p>	<ul style="list-style-type: none"> • Understand the impact of stroke on the community • Reflect on a patient's experience and discuss the pertinent events and relate to person centred-care 	<ul style="list-style-type: none"> • Partnering with Consumers • Communicating for Safety

Interested in organising education for your hospital?

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		<ul style="list-style-type: none"> • Understand the Telestroke model of care through the eyes of a patient 	<ul style="list-style-type: none"> • Recognising and Responding to Acute Deterioration
Understanding Stroke Assessment Tools	<p>This session provides a practical and theoretical understanding of the assessment tools used by NSW Ambulance, medical officers and nurses to identify stroke and assess stroke severity and how these tools correlate to the anatomy and physiology of the brain.</p>	<ul style="list-style-type: none"> • Understand the purpose of stroke assessments and why we use different tools • Differentiate between the different tools and apply them at appropriate times • Understand the limitations of stroke assessment tools <p>Become confident at screening for signs of stroke</p>	<ul style="list-style-type: none"> • Comprehensive Care • Communicating for Safety • Recognising and Responding to Acute Deterioration
Direct Oral AntiCoagulant (DOAC) Reversal in Stroke	<p>This session provides a practical and theoretical understanding of DOAC's and their reversal agents that are available in NSW.</p> <p>This session presents basic actions of common DOACs, when a reversal agent may be considered in stroke and how a reversal agent is administered safely.</p>	<ul style="list-style-type: none"> • Understand DOAC pharmacology and their indications • Be aware of indications for DOAC reversal agents • Be aware of DOAC reversal agents used in NSW and the guidelines that inform our practice <p>Understand how to give reversal agents safely and the nursing considerations</p>	<ul style="list-style-type: none"> • Medication Safety • Communicating for Safety • Recognising and Responding to Acute Deterioration
Medication Safety in the TSS Consults	<p>The session will highlight clinical standards and mitigation strategies that clinicians must apply to ensure adherence to medication safety and thereby achieving best possible patient outcomes during a code stroke/Telestroke process.</p>	<ul style="list-style-type: none"> • Reflect on current practices and identify potential risks to medication safety during a code stroke • Reflect and identify what guides and safeguards medication safety in clinical practice- in accordance with the NSW National Safety and Quality Health Standards • Identify nursing considerations for medication safety in a code stroke • Reflect, identify and put in place strategies to ensure medication safety in their workplace. 	<ul style="list-style-type: none"> • Clinical Governance • Partnering with Consumers • Infection Control • Medication Safety • Comprehensive Care • Communicating for Safety • Recognising and Responding to Acute Deterioration
Haemorrhagic stroke	<p>This session discusses haemorrhagic stroke and the evidence-based screening, assessment, hyperacute treatment and ongoing management.</p>	<ul style="list-style-type: none"> • Differentiate the terms, intracranial haemorrhage, haemorrhagic stroke, and intracerebral haemorrhage 	<ul style="list-style-type: none"> • Clinical Governance • Medication Safety • Comprehensive Care

		<ul style="list-style-type: none"> • Improve knowledge of how to identify and diagnose haemorrhagic stroke • Understand the acute management and nursing considerations in haemorrhagic stroke • Understand the ongoing care and management of haemorrhagic stroke including blood pressure, glucose, temperature, stroke unit care and rehabilitation/end of life care 	<ul style="list-style-type: none"> • Communicating for Safety • Recognising and Responding to Acute Deterioration
Care of the Acute Stroke Patient and Secondary Prevention	<p>This session provides nurses who care for stroke patients in the acute phase (0 to 72 hours), with an understanding of how nursing interventions based on best practice clinical guidelines can help improve patient outcomes.</p> <p>It provides nurses with an understanding of the rationales behind nursing interventions stipulated in most stroke pathways, using the A to H nursing assessment and secondary stroke prevention measures.</p>	<ul style="list-style-type: none"> • Be aware of what governs acute stroke nursing and practice • Identify and rationalise nursing interventions for stroke patients in the acute phase • Improve understanding of secondary stroke prevention strategies • Understand the role of the nurse in patient advocacy and patient education 	<ul style="list-style-type: none"> • Clinical Governance • Partnering with Consumers • Infection Control • Medication Safety • Comprehensive Care • Communicating for Safety • Recognising and Responding to Acute Deterioration
Atrial Fibrillation	<p>This session provides a practical and theoretical understanding of how atrial fibrillation relates to stroke and the nursing interventions and management related to this.</p>	<ul style="list-style-type: none"> • Gain an understanding of what atrial fibrillation is and how this relates to ischaemic stroke • Gain an understanding of cardioembolic stroke prevalence and basic pathophysiology • Identify patients and prioritise who should be monitored for atrial fibrillation • Confidently identify atrial fibrillation on an Electrocardiogram (ECG) • Gain an understanding of nursing interventions in the event of atrial fibrillation/rapid atrial fibrillation and the possible medical interventions 	<ul style="list-style-type: none"> • Medication Safety • Communicating for Safety • Recognising and Responding to Acute Deterioration

Stroke Syndromes and Vascular Territories	This session provides a practical and theoretical understanding of stroke syndromes and how they relate to vascular territories.	<ul style="list-style-type: none"> • Solidify understanding of major head and neck arteries and their territories • Recognise clinical presentations of anterior circulation stroke • Recognise clinical presentations of posterior stroke • Recognise common lacunar stroke syndromes 	<ul style="list-style-type: none"> • Communicating for Safety • Recognising and Responding to Acute Deterioration
Large Vessel Occlusions (LVO) and Endovascular Clot Retrieval (ECR)	This session provides a practical and theoretical understanding of stroke, specifically Large Vessel Occlusions (LVO) and treatment with Endovascular Clot Retrieval (ECR).	<ul style="list-style-type: none"> • Understand what constitutes a LVO • Understand clinical presentation and diagnosis of LVO • Understand ECR as a treatment for LVO • Gain an understanding of the ECR procedure to be able to help reduce patient stress/anxiety. 	<ul style="list-style-type: none"> • Clinical Governance • Partnering with Consumers • Comprehensive Care • Communicating for Safety • Recognising and Responding to Acute Deterioration
Young Stroke	This session provides a practical and theoretical understanding of what young stroke is, nursing considerations and presents perspectives from young stroke survivors.	<ul style="list-style-type: none"> • Understand the classification 'young stroke' • Become aware of incidence and impact on community • Understand causes and risk factors • Identify signs and symptoms of stroke in young people • Understand living with stroke for a young person 	<ul style="list-style-type: none"> • Partnering with Consumers • Communicating for Safety • Recognising and Responding to Acute Deterioration
Transition to Tenecteplase	This session provides a practical and theoretical understanding about tenecteplase and its role as a stroke reperfusion therapy.	<ul style="list-style-type: none"> • Gain awareness of current guidelines for acute ischaemic stroke reperfusion therapies • Understand eligibility for thrombolysis • Develop basic understanding of mechanism of tenecteplase • Learn how to prepare and administer tenecteplase 	<ul style="list-style-type: none"> • Clinical Governance • Partnering with Consumers • Infection Control • Medication Safety • Comprehensive Care • Communicating for Safety

		<ul style="list-style-type: none"> • Become familiar with the nursing considerations for thrombolysis 	<ul style="list-style-type: none"> • Recognising and Responding to Acute Deterioration
Thrombolysis Time Out	This session provides a practical and theoretical understanding of the importance of the stroke thrombolysis time out procedure when delivering a high risk time critical medication, thrombolysis.	<ul style="list-style-type: none"> • Understand the role of the nurse during thrombolysis in acute ischaemic stroke • Understand the case for practice change • Become familiar with the Thrombolysis Time Out procedure • Understand how and when to perform the Thrombolysis Time Out procedure • Understand reporting and documentation of the procedure 	<ul style="list-style-type: none"> • Communicating for Safety • Medication Safety • Comprehensive Care
Imaging for Nurses	This session provides a practical and theoretical understanding of the role of CT imaging in acute stroke diagnosis and treatment.	<ul style="list-style-type: none"> • Describe the role of CT imaging in the diagnosis and management of acute stroke • Differentiate between ischaemic and haemorrhagic stroke findings on CT imaging • Explain the importance of timely CT imaging and the importance of the Telestroke Order Set when ordering scans • Identify the nurse's role in preparing a patient for CT • Discuss the implications of CT scan results on acute stroke reperfusion therapies 	<ul style="list-style-type: none"> • Clinical Governance • Comprehensive Care • Communicating for Safety • Recognising and Responding to Acute Deterioration
Imaging for Nurses- ICH	This session aims to provide a practical and theoretical understanding of the role of CT imaging in acute haemorrhagic stroke diagnosis and treatment.	<ul style="list-style-type: none"> • Describe the role of CT imaging in the diagnosis and management of acute stroke • Differentiate between ischaemic and haemorrhagic stroke findings on CT imaging • Explain the importance of timely CT imaging and the importance of the Telestroke Order Set when ordering scans • Identify the nurse's role in preparing a patient for CT • Discuss the implications of CT scan results on acute stroke reperfusion therapies 	<ul style="list-style-type: none"> • Clinical Governance • Comprehensive Care • Communicating for Safety • Recognising and Responding to Acute Deterioration

Stroke in Women	This session discusses the unique experience of stroke in women and key considerations for clinicians.	<ul style="list-style-type: none"> • Understand the impact of stroke in women • Recognise the signs and symptoms of stroke in women • Be aware of considerations and current guidelines for women. • Understand primary prevention and secondary prevention adherence and management in women 	<ul style="list-style-type: none"> • Comprehensive Care • Partnering with Consumers • Communicating for Safety • Recognising and Responding to Acute Deterioration
What is the ASAP tool?	This session presents the ASAP tool, its function and how to complete the tool or support the medical team in completing the tool.	<ul style="list-style-type: none"> • Improve understanding of the ASAP tool • What your scope of practice is in a hyperacute stroke call • Become aware of the recommendations and care pathways following completion of the ASAP tool • Become aware of further resources and learning for acute stroke assessment 	<ul style="list-style-type: none"> • Communicating for Safety • Recognising and Responding to Acute Deterioration