

# GUIDELINE FOR INTEGRATING ACUTE STROKE PATHWAY ORDER SETS

## Saskatchewan Acute Stroke Pathway Protocols

Saskatchewan Acute Stroke Pathway Order Sets are based on order sets developed by the Canadian Stroke Network (1999-2014). Through this collaborative, comprehensive evidence-based Stroke Best Practice Guidelines were developed, including order sets for acute stroke management in the emergency department, administration of thrombolysis agents, admission to a stroke unit, admission to a rehabilitation unit, and secondary stroke prevention.

Original order sets, with references, are available at [www.strokebestpractice.ca](http://www.strokebestpractice.ca) and on [patientordersets.com](http://patientordersets.com) (for subscribers). Saskatchewan Acute Stroke Pathway order sets have been slightly adapted to reflect local preferences.

**Regional health authorities that participate in the Acute Stroke Pathway may find it necessary to make further adaptations to the Acute Stroke Pathway Order Sets as follows:**

- Insert facility-specific information re. patient disposition (ward, ICU).
- Insert region-specific information re. names and/or numbers of coordinating order sets.
- Revise medications and dosages as per formulary availability.
- Make changes as required to format or appearance of order sets (logo, type, size) as per regional formatting guidelines.
- Identify personnel assigned to tasks, if roles vary from national standards due to regional availability or policy (example: swallow test performed by \_\_\_\_\_).
- Lab panels can be abbreviated as per region-specific protocols (example: "lytes") but please ensure all tests are included as per national standards.
- Orders for nausea/pain management can be removed from acute stroke order sets if there are pre-existing protocols in place.

**All other orders are as per current evidence and national standards and should be fully implemented.**

### NOTE: Data collection

Saskatchewan Acute Stroke Pathway order sets also include data points that must be collected by the stroke team and entered in a regional or national database to enable measurement of system performance against targets for best-practice care. **Please do not remove or alter these data elements:**

|  |   |
|--|---|
| Time Last Seen Normal                    | ORDER SET: ASP Initial Evaluation VARIABLE NAME: Time patient was last seen normal  |
| Stroke Centre Arrival Time               | ORDER SET: ASP Initial Evaluation VARIABLE NAME: Time of arrival  |
| Imaging Time                             | ORDER SET: ASP Initial Evaluation VARIABLE NAME: Diagnostics; CT; first head cut time   |
| Needle Time                              | ORDER SET: Alteplase (tPA) thrombolysis for Acute Stroke, VARIABLE NAME: Alteplase (tPA) Infusion; alteplase (tPA) start time   |
| Mode of Arrival                          | ORDER SET: ASP Initial Evaluation VARIABLE NAME: Mode of Arrival  |
| Imaging Type                             | ORDER SET: ASP Initial Evaluation VARIABLE NAME: Diagnostics; CT; first head cut time   |
| Neurology consult & telestroke initiated | ORDER SET: ASP Initial Evaluation VARIABLE NAME: Orders;<br>Neurology consult: <input type="checkbox"/> telephone <input type="checkbox"/> telestroke <input type="checkbox"/> no consult |