

## Study Highlights

- Aneurysmal subarachnoid hemorrhage (aSAH) patients
- Phase 3
- Prospective, open-label, randomized (1:1 ratio)
- Subjects randomized to
  - GTX-104 (intravenous [IV] formulation of nimodipine)
  - Standard of care oral nimodipine capsules
- Study consists of 3 phases:
  - Pre-randomization (screening)
  - Treatment phase (21 days)
  - Follow-up
- 100 subjects, approximately 25 sites in the USA

## Investigational Products

- GTX-104
  - Nimodipine dispersed in micelles in aqueous solution for IV infusion
    - Dose is continuous IV infusion of 0.15 mg/hour AND IV bolus of 4 mg every 4 hours
    - This dose provides same pharmacokinetics as standard oral dose of nimodipine
    - Duration up to 21 days or until the subject is transferred to a location that cannot administer IP
- Oral nimodipine (provided by Acasti)
  - 60 mg (two 30 mg capsules) every 4 hours for up to 21 days, preferably in a fasting state (more than 1 hour before or 2 hours after meals)

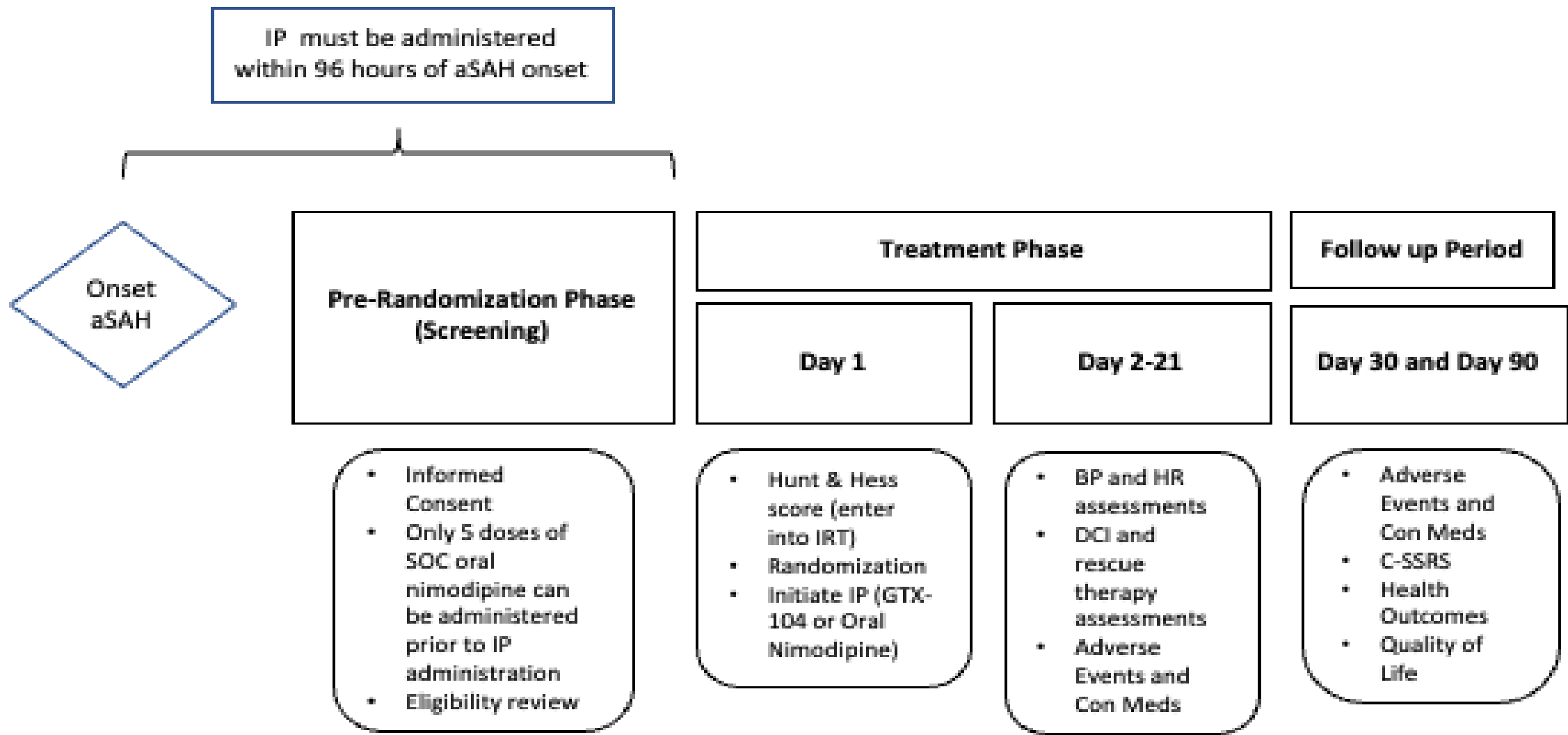
## Safety Assessments

- This is primarily a safety study (100 subjects, 50 IV and 50 oral nimodipine)
- There is no sample size estimation or statistical analysis planned
- Safety assessments include
  - Close monitoring of blood pressure while subjects are taking IP
  - 12-lead ECGs
  - Clinical laboratory values
  - All adverse events
  - Delayed cerebral ischemia and use of rescue therapy

## Study Objectives and Endpoints

Objectives	Safety Endpoints
To evaluate the safety and tolerability of GTX-104 compared to oral nimodipine	<b>Primary</b> Incidence (% or proportion) of subjects with at least 1 episode of clinically significant hypotension with a reasonable possibility that GTX-104/oral nimodipine caused the event  <b>Secondary</b> <ul style="list-style-type: none"> <li>• Duration and total number of episodes of clinically significant hypotension</li> <li>• Incidence and severity of Adverse Events (AEs)</li> <li>• Incidence of delayed cerebral ischemia (DCI) and rescue therapy</li> <li>• Suicidal ideation using the Columbia-Suicide Severity Rating Scale (C-SSRS) score of <math>\geq 4</math></li> </ul>
To evaluate the clinical and health economic outcomes of GTX-104 and oral nimodipine	<b>Clinical and Health Economic Outcomes (to day 90)</b> <ul style="list-style-type: none"> <li>• Durations and number of hospital and intensive care unit (ICU) stays</li> <li>• Duration of mechanical ventilation</li> <li>• Therapeutic Intensity Scale</li> <li>• Hospital discharge disposition (e.g., home, rehabilitation, long-term care)</li> <li>• Quality of Life as measured by EQ-5D-3L</li> <li>• Modified Rankin Scale (mRS)</li> </ul>

## Study Design



Note: Aneurysm repair can be performed after screening.

aSAH: aneurysmal subarachnoid hemorrhage; BP: blood pressure; C-SSRS: Columbia-Suicide Severity Rating Scale; DCI: delayed cerebral ischemia; HR: heart rate; IP: Investigational Product; IRT: interactive response technology; SOC: standard of care.

## Key Inclusion and Exclusion Criteria

- **Inclusion**
  - Male or female  $\geq 18$  years of age
  - aSAH based on CT scan and angiography (CTA, DSA, MRA)
  - **Hunt and Hess assessment scores from I to V just prior to randomization**
  - Informed consent before any study-specific procedures are performed
  - **Able to start IP within 96 hours from the onset of aSAH**
- **Exclusion**
  - Received less than 12 doses of oral nimodipine before randomization
  - Cardiovascular events (CPR at time of aSAH, hypotension, heart block, etc.)
  - Liver failure, elevated liver enzymes
  - Contraindications to nimodipine capsules (allergy to nimodipine, taking strong CYP3A4 inhibitors)

## Definition of Primary Endpoint - Hypotension

- Hypotension is defined as:
  - Decrease in systolic BP  $> 20$  mm Hg or diastolic BP  $> 10$  mm Hg, or systolic BP  $\leq 100$  mm Hg, confirmed by 2 consecutive readings within 5 minutes
- Categorized as:
  - **Not clinically significant (NCS):** not requiring any medical treatment (pharmacotherapy or other intervention)
  - **Clinically significant (CS):** requiring medical treatment, including but not limited to intravenous fluids, postural changes, dose reduction of IP, interruption of antihypertensive medications, prescription of vasopressors, increasing dose of a vasopressor, or addition of a new vasopressor

## Follow-up Period

- Day 30 ( $\pm 7$  days) and Day 90 ( $\pm 10$  days)
- Assessments include:
  - Adverse events, concomitant medications and procedures
  - Columbia-suicide severity rating scale, if capable
  - Quality of life (EQ-5D-3L)
  - Modified Rankin scale

## CONTACT FOR QUESTIONS

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