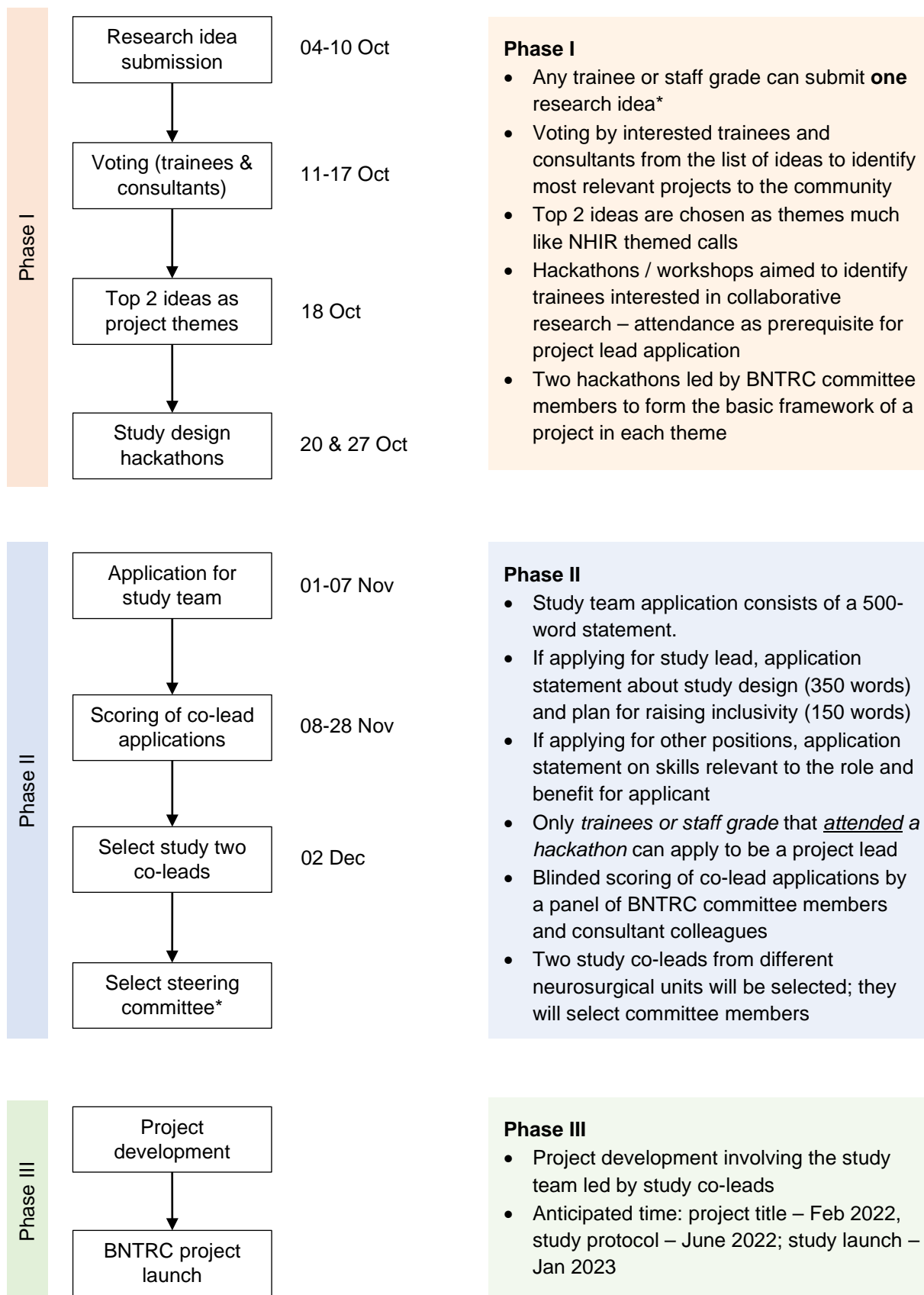
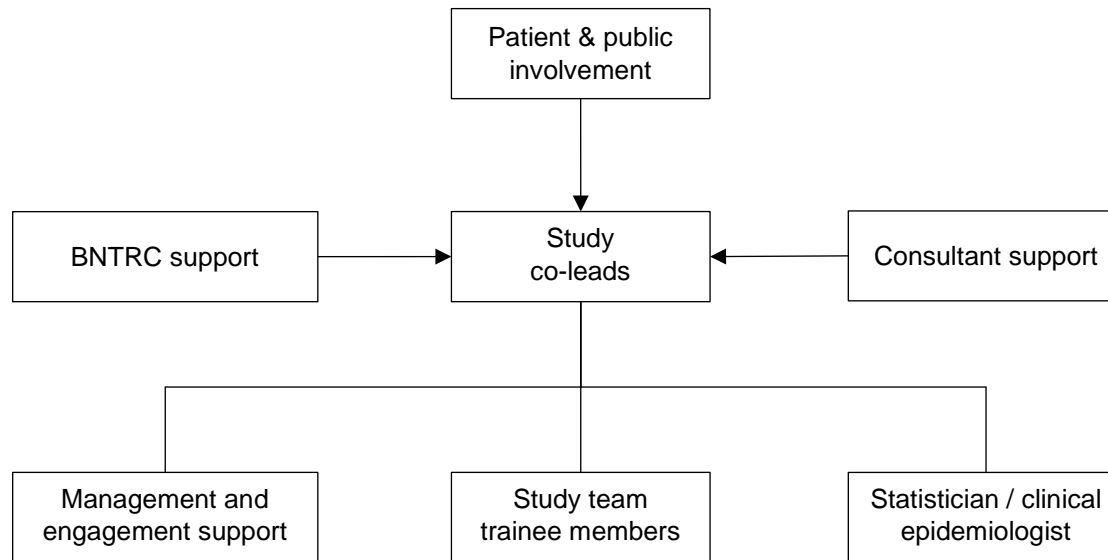


## BNTRC Project Development



\*Trainee whose idea is chosen as the project will be invited onto the steering committee

## Study team structure



**Study co-leads:** They are responsible for developing and overseeing the entire study. They provide leadership in ideas generation, study planning, incorporating relevant input from study team, strategy of national collaboration, communication with stakeholders, and direction of project. These are most suitable for trainees who have participated in previous collaborative studies and can commit to the study over 2-3 years. These roles allow development of research leadership. **Patient & public involvement:** Project-specific individuals or groups that provide feedback on project from study development to dissemination of results. These are selected by the co-leads. **BNTRC support:** The BNTRC committee will assign a member or two who have been a steering committee member in previous BNTRC projects to support decision-making especially on practicalities about collaborative research. **Consultant support:** Study co-leads should select at least three consultants (consultants at unit of the study co-leads, an external clinical or academic consultant) to provide expert support to the study. It is advisable to invite member(s) of the SBNS academic committee members in the area of expertise. **Study team trainee members:** Study co-leads select study team members from blinded applications. These members should cover an addition of at least 3 other neurosurgical units. There is no upper limit of the number of study team members. This role is suitable for trainees who have participated in collaborative research as a collaborator and would like to contribute more to another study. Specific responsibilities are set by the co-leads. **Management and engagement support:** One trainee whose responsibilities are to keep track of internal project timelines and to engage collaborators and other stakeholders via project updates, social media, and other communications. Role suitable for trainee interested in understanding the research process more and in research engagement. **Statistician / clinical epidemiologist:** One trainee with demonstrable research experience in clinical epidemiological study and statistical analysis skills whose main responsibility is to advise co-leads on data management, statistical planning, and analytic procedures from a methodological perspective. This person will also support executing statistical analyses for the study.

### Checklist for co-lead applicants

- Consider submitting a research idea
- Vote for your top two project choices
- Ensure availability on 20<sup>th</sup> or 27<sup>th</sup> October or both (Wed) at 7:30-9:00pm
- Attend one or both of the study design hackathons / workshops
- Prepare 500-word application statement for co-lead position
  - o Style of a protocol abstract describing the project (~350 words)
  - o Additional details about widening engagement and inclusivity (~150 words)

### Checklist for steering committee member applicants

- Consider submitting a research idea
- Vote for your top two project choices
- Consider attending one or both of the study design hackathons / workshops
- Prepare 500-word application statement outlining your skills and expectations

### Scoring matrix for co-lead applications

	Score		
	0-1	2-3	4-5
<b>Rationale for study</b>	Limited understanding of the research context without clear objectives	Demonstrating some relevance to clinical practice	Clarity in contextualising research project with clear objectives
<b>Study design &amp; setting</b>	Inappropriate study design or suboptimal choice of methods	Some considerations of study design that best address the question	Appropriate study design and population to address the question
<b>Data items</b>	Incomplete data items and omitting key variables	Inclusion of key variables but without lateral thinking	Good set of data items covering variables of interest
<b>Statistical analyses</b>	Inappropriate choice of statistical methods	Some relevant statistical methods outlined but without elaboration	Good levels of details on appropriate primary analyses
<b>Overall impression</b>	Limited clarity in all aspects of the proposal and suboptimal study design	Coherent study proposal but omitting some key aspects of study considerations	Good study design and clear communication of study protocol
<b>Research engagement</b>	Impractical suggestions for engaging trainees nationally	Some reasonable suggestions but may not work well	Good suggestions with novel ideas that would encourage participation