

Core Outcomes for Subarachnoid Hemorrhage

Consensus Workshop

17 November 2026 | Sydney, Australia

Presented by SAH HOPE

SAH HOPE
SUBARACHNOID HEMORRHAGE
HELPING MEASURE OUTCOMES OF PATIENTS EFFECTIVELY

Message from the Executive Committee

Dear colleagues,

Welcome to Sydney, and welcome to those joining us online from many parts of the world. On behalf of the Executive Committee of SAH HOPE (Subarachnoid Hemorrhage: Helping Measure Outcomes Effectively), thank you for taking part in our third consensus meeting, building on the momentum of our meetings in Amsterdam in 2019 and at Duke University in 2023. Together, we are working to establish and implement a core outcome set (COS) specific to SAH - a shared standard that will shape how SAH research is designed, measured, and understood for years to come.

We are here for patients; both those who have lived through an SAH and those who will in the future. Every domain and instrument we consider will be judged by whether it reflects what matters to them and to their families. Few opportunities allow a research community to define together what a good outcome after SAH looks like, and we ask that each of us keep patients at the core of the science we pursue.

We have one full day together, and your participation is paramount to its success. We are grateful to those of you who have traveled to be with us in person and to those who are participating online, often at hours that are far from convenient. Wherever you are, you are here to share your perspective, your expertise, and your viewpoint, and we encourage you to do so openly. You are also ambassadors of the eventual COS, which will reach its full potential when those who helped shape it carry it forward into their own centres, trials, and communities.

This meeting is the culmination of a great deal of work by many people, and we are deeply grateful to each of them, including our working group members, patient and family partners, and study team. Our focus is to bring us closer to a complete COS specific to SAH. We anticipate finalizing the instruments for some domains and advancing the development of others. We are excited by this work and by what this community has achieved to date, and we cannot wait for the discussion that lies ahead in Sydney.

Thank you for being part of this work. Let us make this day count!

Sincerely,



Shane English



Chris Andersen



Maria Luisa Marti



Justin Presseau



Bev Shea

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Why are we doing this project?



"My interest is quality of life. My goal, to enjoy it."

Maria Luisa Marti
Executive Team member and SAH survivor

This project began with a clear need: Subarachnoid Hemorrhage (SAH) research needs greater consistency in what outcomes are measured and reported.

Outcomes are the specific aspects of injury, recovery, health, and well-being that researchers and clinicians measure. Measuring the right outcomes is crucial to understanding the true impact of injury, identifying effective treatments, and providing the most benefit to patients. At present, however, there is little consistency in the outcomes measured and reported in SAH research.

This is problematic because:

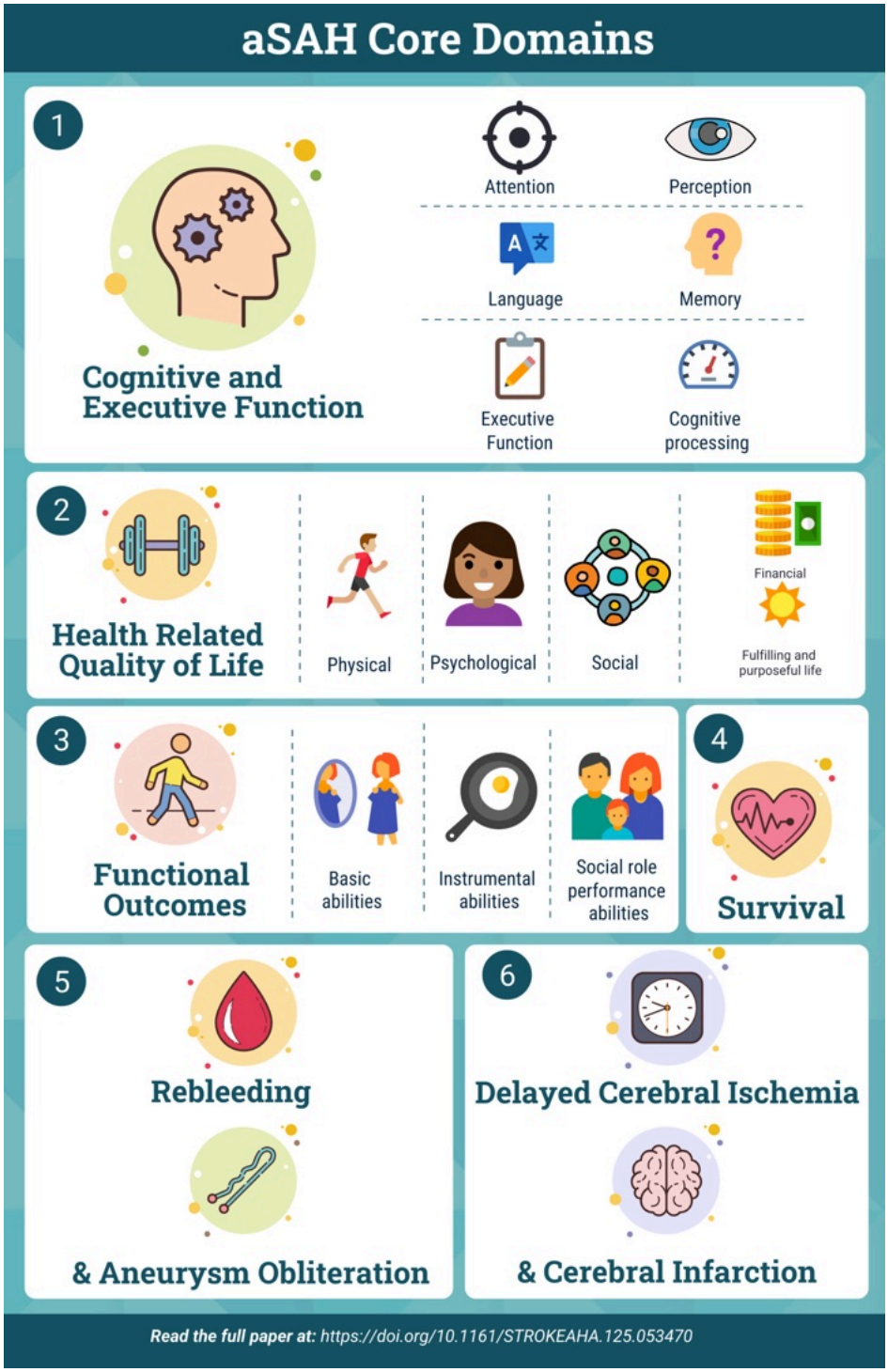
1. It is hard to compare or combine findings across SAH studies.
2. Clinicians and researchers may not measure the right information at the right time.
3. Reported measures often have not included the perspectives of people with lived experience of SAH.

We want to make SAH research and practice better by addressing these problems.

To achieve this, we are creating a Core Outcome Set – an agreed list of outcomes (“what”) and the instruments to measure them (“how”) – for SAH.

What have we done so far?

In the first major phase of this project, we identified and reached consensus on “What” outcomes matter most for SAH. We called these outcomes the SAH Core Domains. We identified 6 core domains.

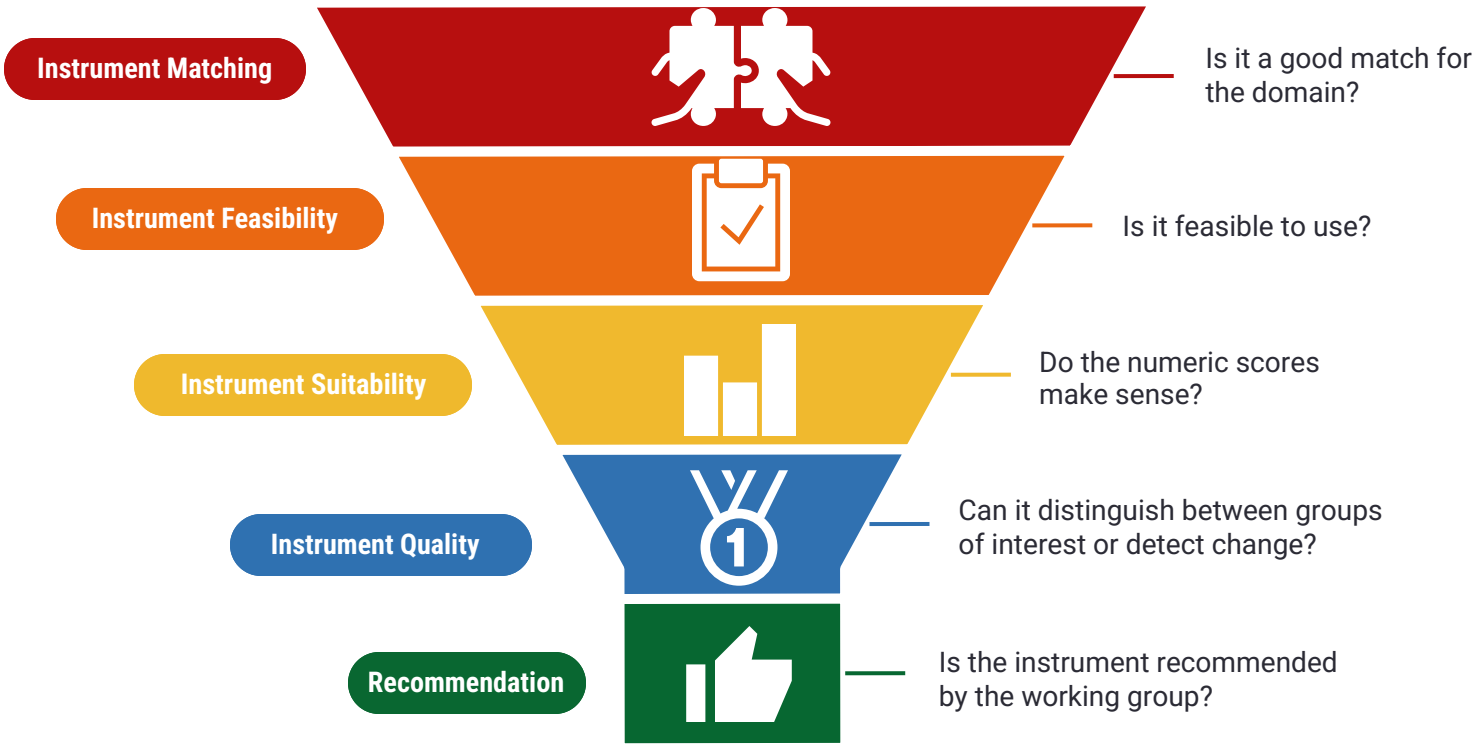


That phase answered the question: **“What should be measured?”**. You can read the full paper here.

What are we doing now?

We are now completing the next phase of our project, which asks: **"How should each core domain be measured?"**

Together, our international collaboration of researchers, clinicians, and people with lived experience of SAH are following a rigorous and transparent process to identify, assess, and recommend the best measurement instrument(s) for each Core Domain.



Watch an explanation of our process for selecting measurement instruments here.

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Consensus Workshop

We have reached the point in this project where its success depends on bringing together the international SAH community to work towards finalizing the Core Outcome Set.

What?

Multidisciplinary consensus workshop

When?

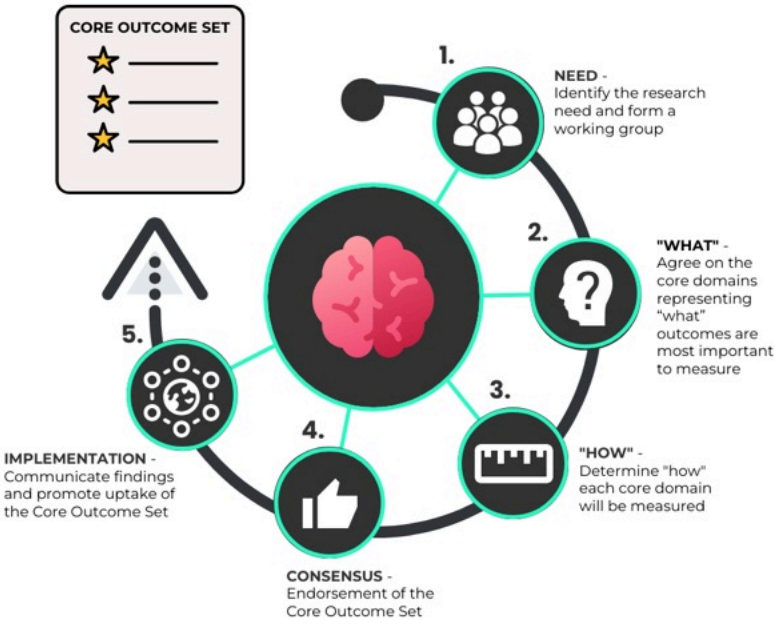
17 November 2026
7:30 AM – 4:00 PM

Where?

Sheraton Grand Sydney Hyde Park, Sydney, Australia

What will be involved?

The Consensus Workshop will bring together the international SAH community to discuss and endorse the working groups' recommended measurement instruments for the SAH Core Outcome Set.



Venue and Getting Here





The consensus workshop will be held at the **Sheraton Grand Sydney Hyde Park, 161 Elizabeth Street.**

Meeting room: 'Times on the Park'.

Sydney Airport is approximately 8 km from the venue, with convenient access by train, taxi, or rideshare. For more information on the venue and getting around Sydney, visit the ISAH26 venue page.

Attire is casual - please dress comfortably. No formal or business attire is expected.



General guidelines

To help keep the consensus workshop discussion focused, productive, respectful, and manageable, we ask all members to follow these guidelines:

1) Use the established SAH Core Domains

- The SAH Core Domains and their definitions were developed through an earlier consensus process.
- The focus of this consensus workshop is not to revise the domains or create new ones, but to identify the best instruments for measuring each of the established Core Domains.

2) The consensus workshop is part of, and will inform, the ongoing work of the Working Groups.

- Some decisions have already been made by the Working Groups. Where possible, we wish to keep the discussions focused on moving forward, towards consensus on the 'best' instrument(s) for measuring each domain.
- Each domain is different. Each has unique challenges and/or questions that we need to address. As such, not all domains are at the same place. We anticipate that we will be able to reach consensus for some, but not all domains, at the workshop. Working Groups will continue their work beyond the workshop, until consensus is reached.

3) All the background information needed to participate will be provided.

- In advance of the workshop, please review the general information contained in this handbook. Working Group members should review the latest materials specific to their group's domain. Contact us if anything is unclear (gfernie@ohri.ca).
- The presentations given during the consensus workshop will be designed to strengthen your understanding of relevant background information.
- You are not expected to conduct any additional research to participate in the consensus workshop.

4) Use plain language where possible.

- Please avoid using acronyms and specialized terminology during the consensus workshop discussion. If technical terms are needed, please define them.

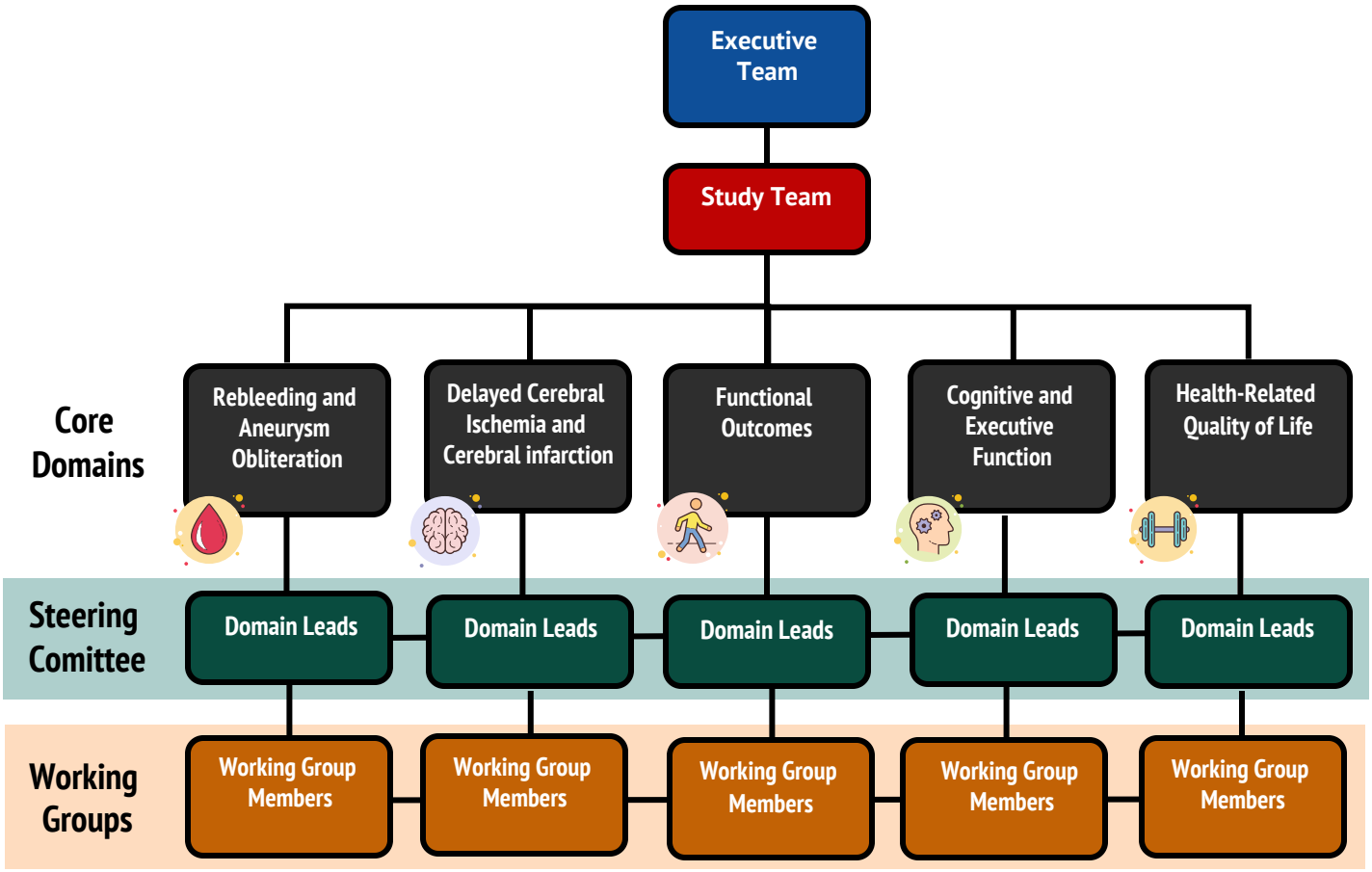
5) Draw on your experience only in ways that feel comfortable.

- We welcome insights from clinical, research, and lived experience. However, you are not expected to share personal or distressing details. Please share only what feels appropriate and relevant to the discussion.

6) Respect different perspectives

- Workshop participants each bring unique and valuable expertise, experiences, and perspectives. While we acknowledge that viewpoints may differ, we ask all workshop participants to engage respectfully and constructively.

Organizational Structure



Executive Committee



Shane English



Chris Andersen



Maria Luisa Marti



Justin Presseau



Bev Shea

Study Team



Gordon Fernie



Sean Patterson



Yousif Al-Baldawi



Parinaz Paranjkhoo



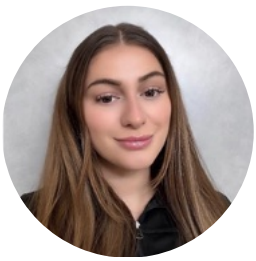
Sara Cotter



Jonathan O'Leary



Dan Budiansky



Talia Bitonti

Clinical Domains Working Group Members

Rebleeding & Aneurysm Obliteration

- **Hemant Bhagat***
- **Katharina Busl***
- **Redi Rahmani***
- Ronil Chandra
- Jens Dreier
- Arzu Bilgin-Freiert
- Gentle Shrestha
- Lora Owens**
- Danisha Henry**
- Pedro Kurtz
- Cheryl Campbell**
- Jaleesa Matthews**
- Audrius Sirvinskas
- Elisabete Monteiro
- Jolanta Konašovienė**

DCI & Cerebral Infarction

- **Mervyn Vergouwen***
- **Vicki McCredie***
- **Chiara Robba***
- Fabio Taccone
- Sepideh Amin-Hanjani
- Kavita Basi**
- Eberval Figueiredo
- Guoyi Gao
- Daniel Godoy
- Arlicia Albert**
- Tricia Scobey**
- Tom Tinlin**
- Tracy Faulkner**
- Deidre De Silva

* Domain Lead
**Lived Experience

Life-Impact Domains Working Group Members



Functional Outcomes

- **Lachlan Donaldson***
- **Isabel Hostettler***
- **Leslie Miller****
- Elisa Cuadrado Godia
- Megan Saliterman**
- Alicia Smart**
- Susan Farnsworth**
- Stephan Mayer
- David Hasan
- Sarah Nelson
- Hemanshu Prabhakar
- Lee Tae Hwan**
- Rebecca Middleton
- Michelle Nelson



Health-related Quality of Life

- **Sherry Chou***
- **Jose Suarez***
- **Tracy Iona****
- George Wong
- Michael Hugelshofer
- Amr Abdulazim
- Sarah Houlton**
- Roc Chen
- Maria Luisa Marti**
- Stephan Wolf
- Eleana Go**
- Cynthia Burke**
- Andy Motch**
- Jim Ross**
- Jereon Boogaarts
- Shamala Thilarajah



Cognition & Executive Function

- **Ian Galea***
- **Christine Buckley***
- **Phil Talbot****
- Ben Gaastra
- Behnam Rezai Jahromi
- Madeline Christenson**
- Suszanne May**
- Emily Fitzgerald
- Miriam Treggiari
- Cássia Righy
- Elizabeth Bayleigh**
- Yuko Yamasaki**
- Hillel Finestone
- Rinita Mascarenhas

* Domain Lead
**Lived Experience

Thank you for being part of this work. Let us make this day count!

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Heart&Stroke Cœur+AVC

uOttawa

The Ottawa Hospital Research Institute | L'Hôpital d'Ottawa Institut de recherche

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