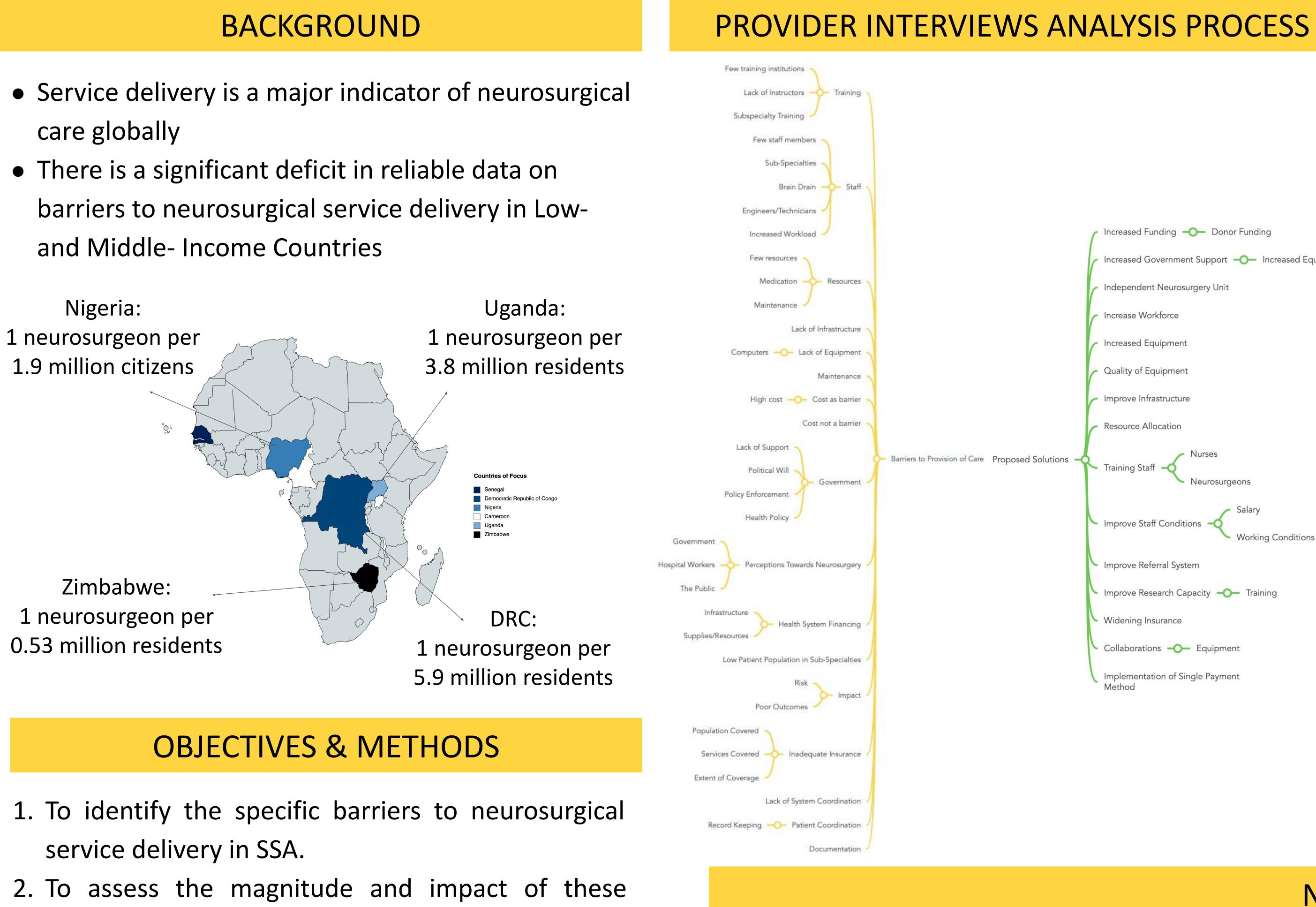
## **Barriers to Neurosurgical Service Delivery in Sub-Saharan Africa**

Team Members: Morayo Abbey-Bada, Glory Agun, Lordstrong Akano, Joy Buchi-Ahiabuike, Nikhil Chaudhry, Eugene Cho, Rishi Chilappa, Olaoluwa Dada, Larrey Kamabu, Alice Kateregga, Olalekan Kolawole, Rose Nantambi, Paula Njeru, Arsene Daniel Nyalundja, Ena Oboh, Samuel Olawale, Glory Olowojoba, Yesel Trillo Ordonez, Taye Owoputi, Zoey Petitt, Heather Raslan, Katherine Reddy, Isha O. Shah, Joseph Mary Ssembatya, Keying Sun

- care globally
- and Middle-Income Countries



- barriers on patients/caregivers, health providers and health systems in SSA.
- 3. To propose interventions to address these barriers in SSA.

**Structured Provider Surveys** 

**Cross Sectional** Study

**In-Depth Provider Interviews** 

Faculty Leads: Alvan Ukachukwu, MD, MSc.GH, Anthony Fuller, MD, MSc.GH, Timothy Dunn, Ph.D.

Semi-Structured Patient/Caregiver Surveys



Left: Team members in Uganda Right: Team members in Nigeria



	Seeking healthcare for my current case impacts my ability to earn income.
	Financial cost impacts my access to care
	The inability to work impacts my access to care
Increased Funding -O- Donor Funding	My finances are a restriction for me to seek neurosurgical care.
Increased Government Support -O- Increased	Equipment I am taking out loans to cover the cost for care.
Independent Neurosurgery Unit	I was worried about the financial burden before seeking care.
Increase Workforce	-60
Increased Equipment	Disagree Stron
Quality of Equipment	
Improve Infrastructure	I do not find the roads secure for traveling
Resource Allocation	Transport to the hospital had a large financial cost on me and my family.
Training Staff	I can easily get from my home to this hospital for neurosurgical care.
	My local hospitals have excellent service delivery
Improve Staff Conditions Working Condition	My local hospitals have excellent affordability
Improve Referral System	My local hospitals have excellent ease of access
Improve Research Capacity -O- Training	-80 Neither Disagree or Agree
Widening Insurance	Patient
Collaborations -O- Equipment	I knew all my options for care before se
Implementation of Single Payment	I think medical diagnoses sound worse than t
Method	I was worried about receiving
	I trust my doctors judgment when making health de
	I fear that my condition would get worse by seeking medi
	I find it essential to seek medical care whenever I have a healt

The availability of information on the process of seeking care impacts my access to care

Confidence in healthcare services impacts my access to care

### NEXT STEPS

identify relevant themes. and provider barriers.



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# • Continue analyzing the provider interviews &

• Produce manuscripts outlining framework

recommendations for LMICs and identified patient

Acknowledgements