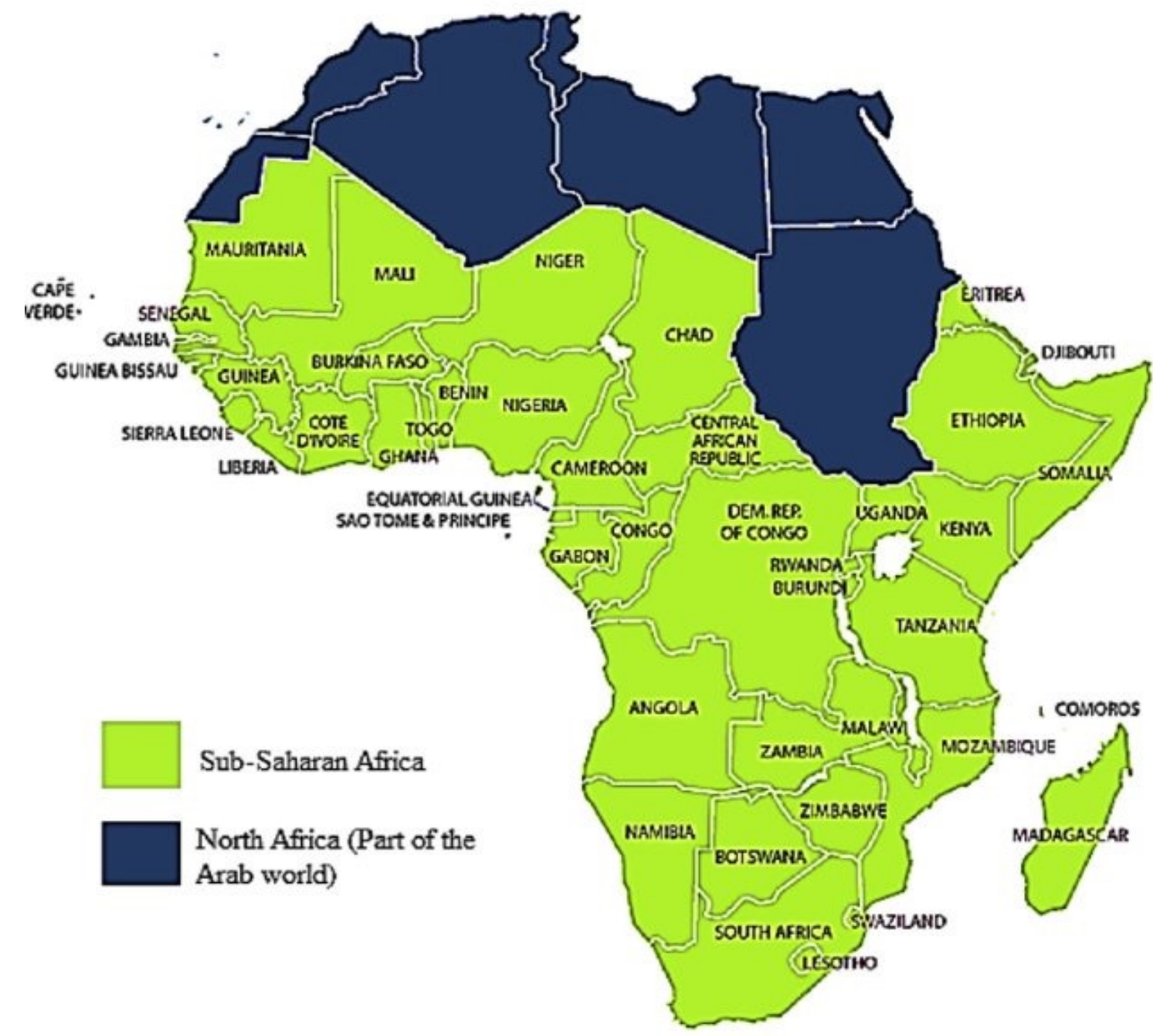


INTRODUCTION

- Nearly 93%



OBJECTIVES

- This study aimed to assess challenges in neurosurgery and suggest a framework to guide future advances.

PROBLEMATIC

- Second largest African country
- 95 million inhabitants - ~1/3 of U.S pop.
- 24 trillion in untapped mineral resources
- There is significant mismanagement, mostly due to uncontrollable duplication of healthcare projects – nonetheless funded.



Review of Neurosurgery in the Democratic Republic of Congo: Historical Approach of a Local Context

Tshibambe N Tshimbombu, Antoine Beltchika Kalubye, Caitlin Hoffman, John H Kanter, Gail Rosseau, Daniel Safari Nteranya, Arsene Daniel Nyalundja, Jean-Pierre Kalala Okito.

16 neurosurgeons for 95 M people is attributable to the mismanagement of local and international resources.

RESULTS

Zones	Center Location	Population	% Population	Local Neurosurgeons
North	Kisangani	17,599,000	18.51%	None
South	Lubumbashi	27,022,000	28.48%	Dr. Dieu-Merci Kabulo Dr. Sarah Mutomb Dr. Shweka Adalvaire Dr. Feruzi Kitembo Dr. Rosi Yogolelo Dr. Niveron Yenga Yenga Dr. Max Malangu
East	Bukavu	14,760,000	15.53%	Dr. Safari Mudekerezza Paterne Dr. Katchungunu Charles Dr. Ndeni Makenzi Denis
West	Kinshasa (KUC)	35,682,171	37.54%	Dr. Antoine Beltchika Kalubye Dr. Ntsambi Dr. Jeff Ntalaja Dr. Tresor Ngamasata Dr. Christophe Zirumana Dr. Guelord Mtamdua Metre
Total	Country	95,063,171	100%	16

Imaging	North Zone (Kisangani)	South Zone (Lubumbashi)	East Zone (Bukavu)	West Zone (Kinshasa)
CT	0	6	3	16
MRI	0	0	2	6
Conventional Angiography	0	0	0	1

DRC, Democratic Republic of Congo; CT, computed tomography; MRI, magnetic resonance imaging.

Common neurosurgical ailments

Spinal and Pediatric Cases: ~ 70-80%

Cranial Cases: ~ 10 – 15%

Peripheral nerve systems: ~5%

SOLUTIONS

- Public approach
- Private approach

GOING FURTHER TOGETHER

