

Global neurosurgery seeks to provide **quality** neurosurgical **health care** worldwide and faces challenges because of historical, socioeconomic, and political factors. To address the shortfall of essential **neurosurgical procedures** worldwide, dyads between established neurosurgical and developing centers have been established. Concerns have been raised about their effectiveness and ability to sustain **capacity** development. Successful **partnerships** involve multiple **stakeholders**, extended timelines, and twinning programs.

Lippa et al. outlines initiatives and challenges within the neurosurgical **community**. The **narrative review** aims to provide a practical tool for colleagues embarking on clinical **partnerships**, the Engagements and assets, Capacity, Operative **autonomy**, **Sustainability**, and **scalability** (ECOSystem) of care. To create the ECOSystem of care in global neurosurgery, the authors had multiple **online** discussions regarding important points in the practical tool. All developed tiers were expanded based on logistics, clinical, and **educational** aspects. An online search was performed from August to November 2023 to highlight global neurosurgery partnerships and link them to tiers of the ECOSystem. The ECOSystem of care involves 5 tiers: Tiers 0 (foundation), 1 (essential), 2 (complexity), 3 (autonomy), and 4 (final). A nonexhaustive list of 16 neurosurgical partnerships was created and serves as a reference for using the ECOSystem. Personal **experiences** from the authors through their partnerships were also captured. They propose a tiered approach for capacity building that provides structured **guidance** for establishing neurosurgical partnerships with the ECOSystem of care. Clinical partnerships in global neurosurgery aim to build autonomy, enabling independent provision of quality healthcare services ¹⁾

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Lippa L, Cadieux M, Barthélemy EJ, Baticulon RE, Ghotme KA, Shlobin NA, Piquer J, Härtl R, Lafuente J, Uche E, Young PH, Copeland WR 3rd, Henderson F Jr, Sims-Williams HP, Garcia RM, Rosseau G, Qureshi MM. **Clinical Capacity Building Through Partnerships: Boots on the Ground in Global Neurosurgery**. Neurosurgery. 2024 Aug 26. doi: 10.1227/neu.0000000000003129. Epub ahead of print. PMID: 39185894.

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