

Neurosurgery cocktail

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Neurosurgery cocktail (NC) was developed by a group of young neurosurgeons as a means of sharing didactic materials and clinical [experiences](#) via [social media](#). It connects 35.000 neurosurgeons worldwide on multiple platforms, primarily Facebook and Twitter.

It is one of the most widely utilized neurosurgical social media resources available. Sharing knowledge has been broadened thanks to the recent social media evolution, and NC has become a leading player in disseminating neurosurgical knowledge ¹⁾

analyzed metrics collected relevant data about activities, impact and risks of this groundbreaking technology.

Extracted Facebook metrics from 60-day time sample, including users demographics and other platform-specific values such as active members and number of posts within 60 days. A quality assessment of the posted material (clinical case reports and second opinions) was obtained establishing four main quality-criteria: privacy violation; quality of imaging; clinical and follow up data.

By December 2022, the group included 29.524 members (79.8% male), most (29%) between 35 and 44 years of age. Over 100 countries were represented. A total of 787 posts were published in 60 days with an average of 12.7 per day. In 173 clinical cases presented through the platform, some issue with privacy was recorded in 50.9%. The imaging was considered insufficient in 39.3%, clinical data in 53.8%; follow up data were missing in 60.7%.

The study provided a quantitative evaluation of impact, flaws and limitations of social media for healthcare. Flaws were mostly data breach and insufficient quality of case reports. There are actions to correct these flaws that can be easily taken to provide a greater credibility and efficacy to the system ²⁾.

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