# **Endoscopic Ear Surgery Needs Analysis**

# **Literature Search**

**Research Question:** Why have ear surgeons not adopted the endoscopic ear surgery approach? What are the major technical barriers of endoscopic ear surgery and what technological advances would encourage surgeons to adopt the technique?

**Relevant Papers:** (Vancouver Style)

[1]

[1] H. J. Marcus, T. P. Cundy, A. Hughes-hallett, Z. Yang, A. Darzi, D. Nandi, and D. Phil, “Europe PMC Funders Group Endoscopic and Keyhole Endoscope-assisted Neurosurgical Approaches : A Qualitative Survey on Technical Challenges and Technological Solutions,” vol. 28, no. 5, pp. 606–610, 2015.

This article is a qualitative survey on endoscopic neurosurgical approaches. It gives an outline of how my Needs Analysis should be conducted, how to send out the questionnaire, what questions should be asked, how many people should be asked and how the responses should be analysed and then presented in an article. It asked the surgeons how much experience they have in the field, what are the major technical barriers and what technological advances would improve the safety and efficacy of endoscopic neurosurgical outcomes.

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| My research question: |  |  |  |  |
| Places to search for information: |  |  |  |  |
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| List of sources searched: | Date of search | Search strategy used, including any limits | Total Number of Results found: | Comments |
| PubMed | 22-Sep-2016 | endoscopic ear surgery AND (needs analysis OR question\* OR survey) in PubMed search | 157 |  |
| Papers from students in my lab |  |  |  |  |
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