

“GISCOME”: GENETICS OF ISCHAEMIC STROKE FUNCTIONAL OUTCOME

Writing group – Progress of description
manuscript

Background

- We presented our proposal for the GISCOME study in Lund, 2013.
- Suggestions from Lund- description or protocol paper
- Rationale for manuscript:
 - Address any limitations and methodological constraints
 - Allow investigators to focus on more detailed discussion of results in primary results paper
 - Share investigator's knowledge and experience gained in conduct of a unique phenotype multi site pooling effort
 - Enable dissemination of study protocol details to the wider stroke community

Paper Outline

- Section 1: Context and Background
- Section 2: The outcome measures
- Section 3: The clinical variables
- Section 4: The GISCOME cohorts
- Section 5: The analysis plan
- Section 6: Clinical utility-plans for translation
- Section 7: Limitations
- Section 8: Future directions
- Section 9: Conclusions

Discussion points

- Driven by descriptive data ($n \sim 10\,000$ cases)
- Retrospective cohorts
- Outcome measure: Primary mRS 90 days
- Considerations raised
 - Heterogeneity
 - Sites (12 individual cohorts)
 - mRS dichotomous v ordinal
 - time-points
 - Age distribution
- Missing data
- IRB

GISCOME Investigators

- Jane Maguire, Arne Lindgren, Steve Bevan, Israel Fernandez-Cadenas, Graeme Hankey, Christina Jern, Jordi Jimenez-Conde, Jin-Moo Lee, Robin Lemmens, Natalia Rost, Jonathan Rosand, Peter Rothwell, Daniel Strbian, Cathie Sudlow, Vincent Thijs, Turgut Tatlisumak, Daniel Woo, Brad Worrall