

Results of a survey on human factors and perceptions during the first wave of the COVID pandemic

Manu L.N.G. Malbrain; Peter Rosseel, Valentina Della Torre, Heather Baid, Kaushik Bhowmick, Piotr Szawarski, Tapas Kumar Sahoo, Tuğhan Utku, Flavio Nacul, Adrian Wong

For the ESICM Working group on Human Factors

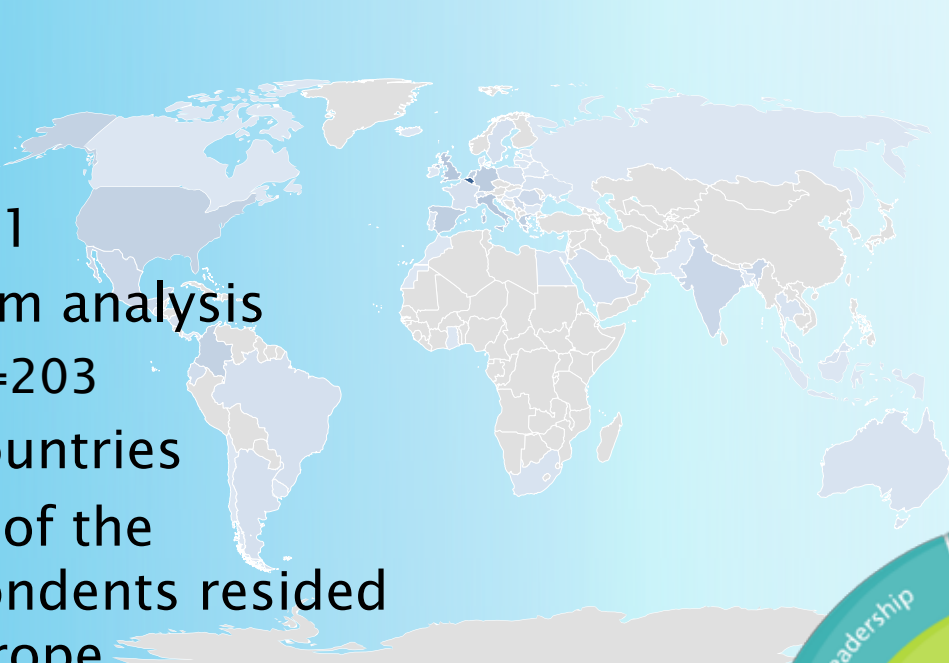
Introduction and Aims

- The current Corona virus pandemic poses an enormous pressure on healthcare systems around the world
- Human factors and non-technical skills do play a major role in dealing with such a crisis
- This survey was designed to
 - check how physicians of all specialties and healthcare workers perceive the current pandemic and
 - how they managed patients admitted to intensive care

Methods

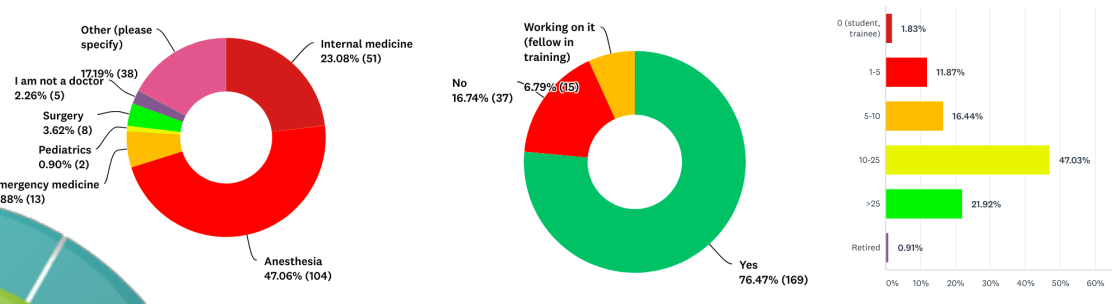
- An online survey (accessible via: https://www.surveymonkey.com/r/COVID_GENERAL)
- The survey consisted of 15 multiple choice or open questions.
- Personal additions and comments were possible after each question

- N=221
- Interim analysis
 - N=203
- 56 countries
- Most of the respondents resided in Europe

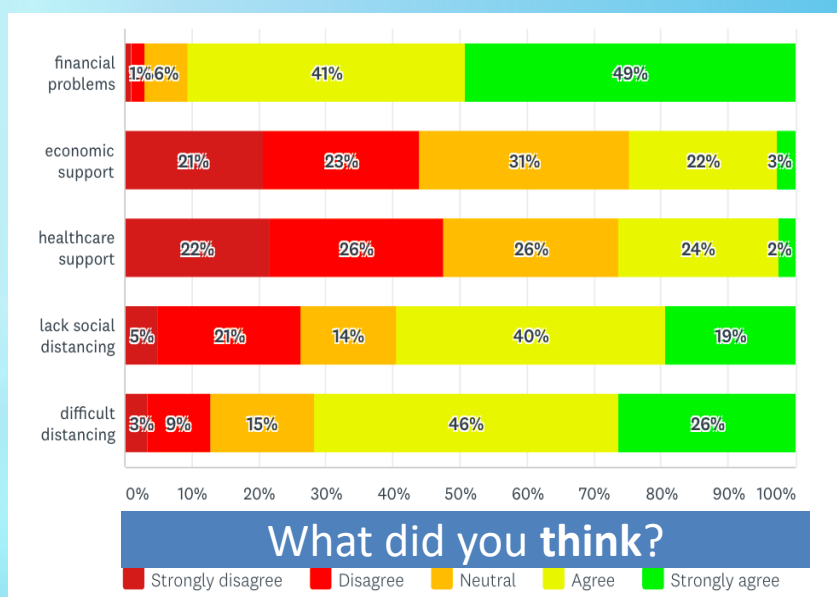
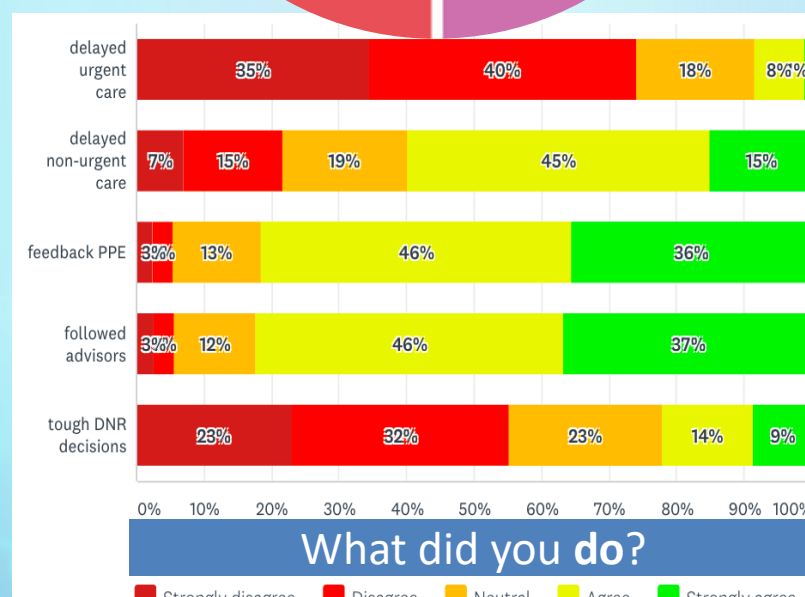
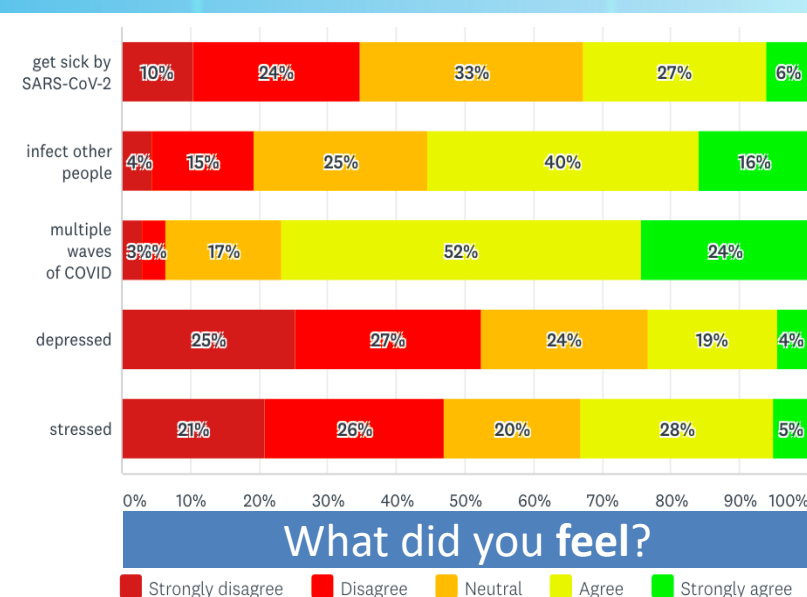
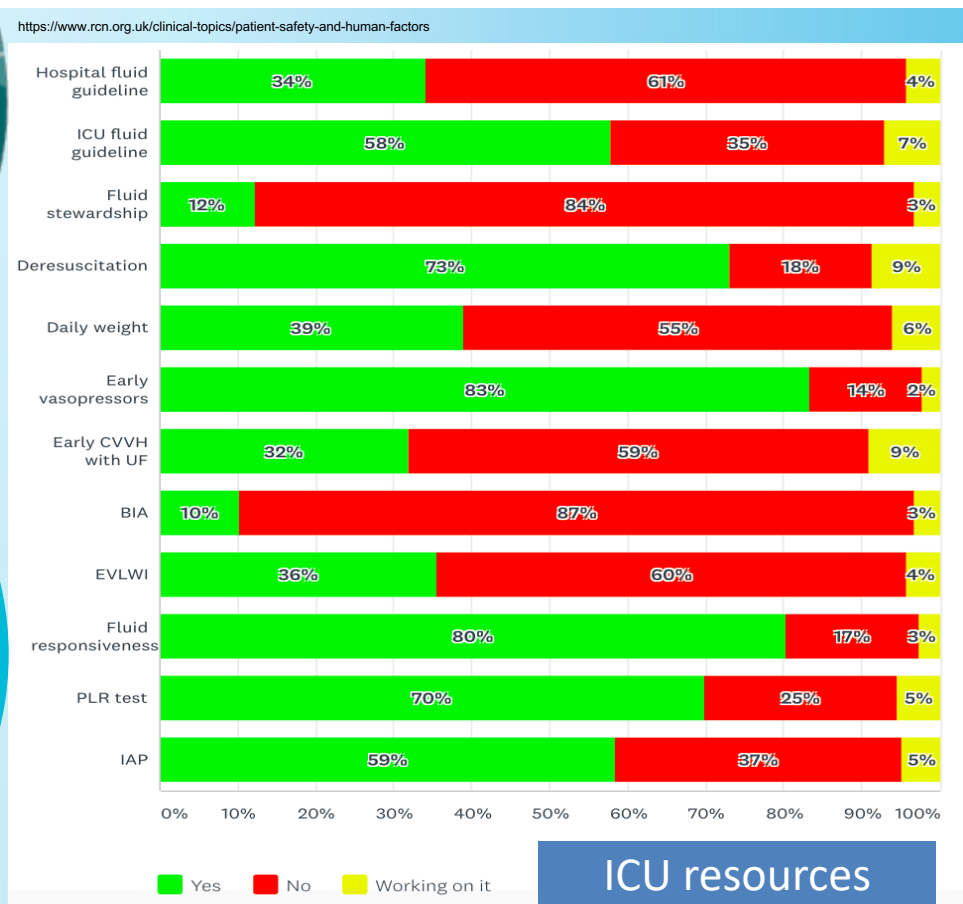
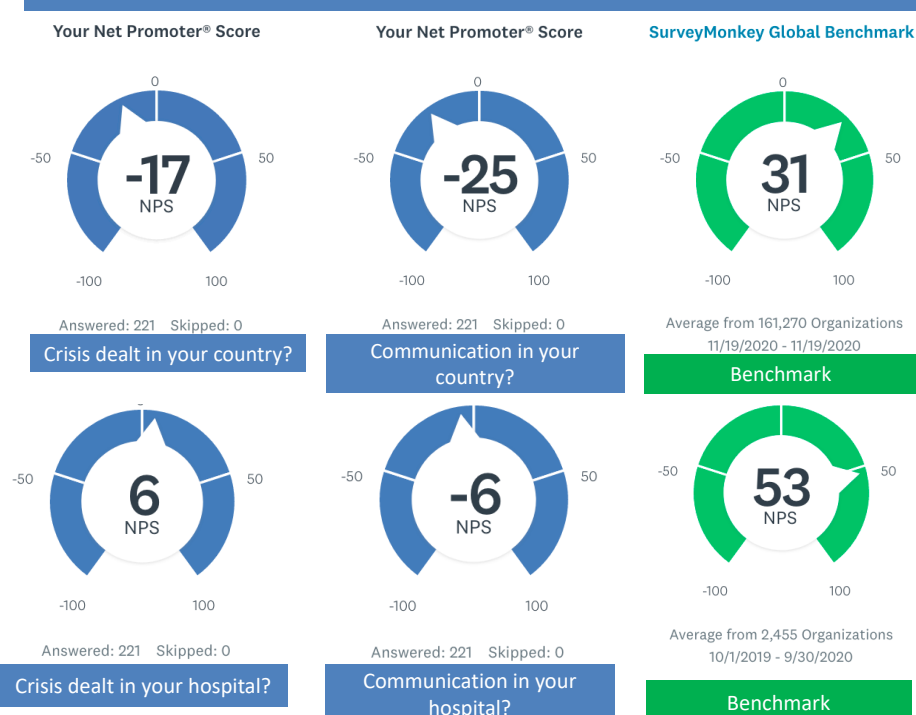


Results – respondents

- Majority anaesthesia – N=104
- Majority also intensivist (n=169)
- Majority > 10 years experience



Results – Net Promoter Score



Conclusions

- This survey evaluated how physicians dealing with COVID-19 patients **feel, think and act** and how they used (ICU) resources
- The overall results show that there is still much **uncertainty** and a general feeling of **disappointment** on how the first wave was dealt with at **all levels**: society, hospitals, economic, healthcare but also on an individual level probably related to a **lack of disruptive leadership**
- Nontechnical skills and **human factors** seem to play an important role in dealing with a global pandemic