



SPHERE

methodS in Patient-centered
outcomes and
HEalth ResEarch
U 1246



DIRECTRICE

Véronique Sébille
(université de Nantes)

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SPHERE est une unité pluridisciplinaire qui cherche à développer et valider des méthodes qui puissent être mobilisées dans des études cliniques ou épidémiologiques.

La philosophie qui anime l'unité SPHERE est que le patient doit être considéré dans son ensemble, à savoir en prenant en compte son environnement, et en intégrant ses perceptions, son vécu et ses souhaits.

THÈMES DE RECHERCHE

- Essais randomisés en cluster et interventions complexes
- Définition, sélection, validation et évaluation des critères de jugement
- Méthodes de mesure et d'interprétation des résultats autodéclarés
- Prédiction et Causalité

COMPÉTENCES ET SAVOIR-FAIRE

- Planification et analyse d'essais randomisés en cluster
- Evaluation d'interventions complexes
- Développement et validation de critères de jugement (« outcome »)
- Développement de « Core outcome set »
- Analyse psychométrique
- Modélisation pronostique
- Inférence causale

COOPERATIONS INTERNATIONALES

Department of Community Health Sciences, University of Manitoba, School of Nursing, Trinity Western University, Vancouver, Canada
Department of Community Health Sciences & O'Brien Institute for Public Health, University of Calgary, Canada
Research Institute of Child Development and Education, University of Amsterdam, Amsterdam, The Netherlands
Department of Methodology and Statistics, Institute of Psychology, Leiden University, Leiden, The Netherlands
Queen Mary University of London, UK
Ottawa Hospital Research Institute, Canada
Sydney School of Public Health, Australia

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COLLABORATIONS INDUSTRIELLES

Modus Outcomes SAS, Lyon, France
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DIRECTOR

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DEPUTY DIRECTOR

Bruno Giraudeau
(university of Tours)

SPHERE is a multidisciplinary unit that seeks to develop and validate methods that can be used in clinical or epidemiological studies.

The philosophy that drives the SPHERE unit is that the patient must be considered as a whole, i.e. taking into account his/her environment, and integrating his/her perceptions, experience, and wishes.

RESEARCH TOPICS

- Cluster Randomized Trials and Complex Interventions
- Definition, selection, validation, and assessment of outcomes
- Methods for the measurement and interpretation of Self-Reported Outcomes
- Prediction and Causality

SKILLS AND KNOW-HOW

- Cluster randomized trial planning and analysis
- Complex intervention evaluation
- Outcome development and assessment
- « Core outcome set » development
- Psychometric analysis
- Prognostic analyses
- Causal inference

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