

# CLINICAL REASONING DIFFICULTIES IN OSTEOPATHIC STUDENTS AND THE REMEDIATION STRATEGIES TO BE PROPOSED: A QUALITATIVE OBSERVATIONAL STUDY

By Anne-Sophie Heissat, D.O.

Head of the Clinical department, Ceeso Paris

**Introduction:** Clinical reasoning is a complex process that helps every health professional to make decisions. This process is common to both traditional allopathic medicine and osteopathic medicine and is based on a hypothetical-deductive reasoning system. The classical medical literature describes nine types of clinical reasoning difficulties in medical students that interfere with the mechanisms of this hypothetico-deductive reasoning. For each clinical reasoning difficulty a remediation strategy can be proposed. The clinical reasoning difficulties and remediation solutions described for classical medicine have not been described for the osteopathic student but can be largely adapted to osteopathic clinical reasoning.

**Method:** Semi-directed interviews will be conducted with supervisors of the Ceeso Paris clinic between March 2022 and June 2022. The aim of this qualitative observational study is to question the clinical trainers on how they identify and solve clinical reasoning difficulties.

**Results:** The results of the semi-structured interviews will be used to propose a methodology for identifying the profile of each student and for implementing appropriate remediation strategies to help them progress.

**Conclusion:** The aim of this study is to help clinical supervisors establishing a real pedagogical diagnosis for osteopathic students in the same way as it is done for medical students, and to develop adapted supervision strategies with the aim of helping them to progress in the complex process of clinical reasoning.