

Implementation of a multidisciplinary perinatal care program in French gynecology clinics.

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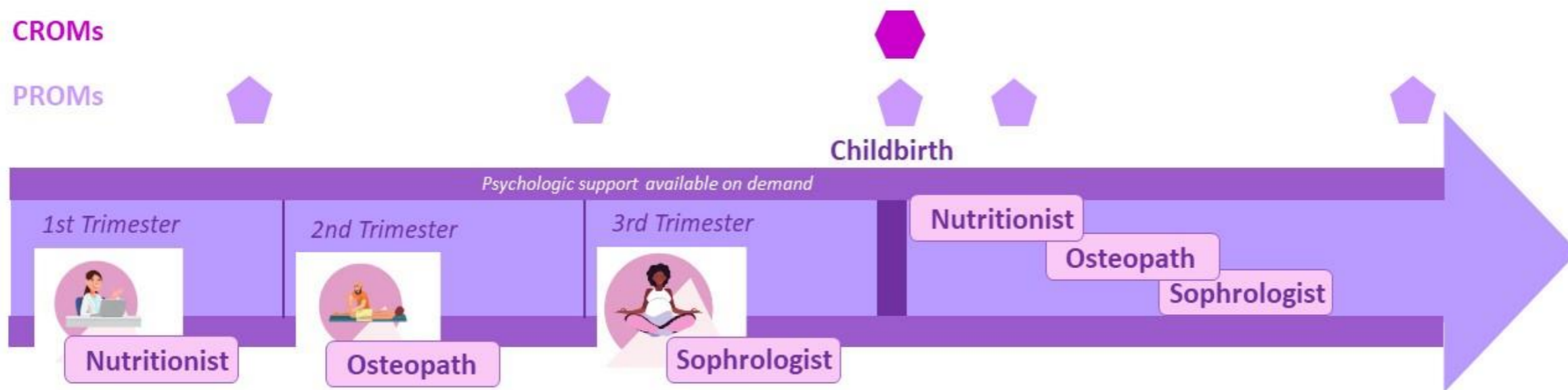
Introduction

Pregnancy and post-partum is often an eventful period of time for women, full of questions and unknowns that can lead to distress and anxiety in certain cases. In particular, during the post-partum that is often a challenging period specially where mother's need to adapt to the role changes and the new environment, is often a period where women's health care is often neglected. The demand for paramedical support during the whole perinatal period is increasing, specially during COVID pandemic.

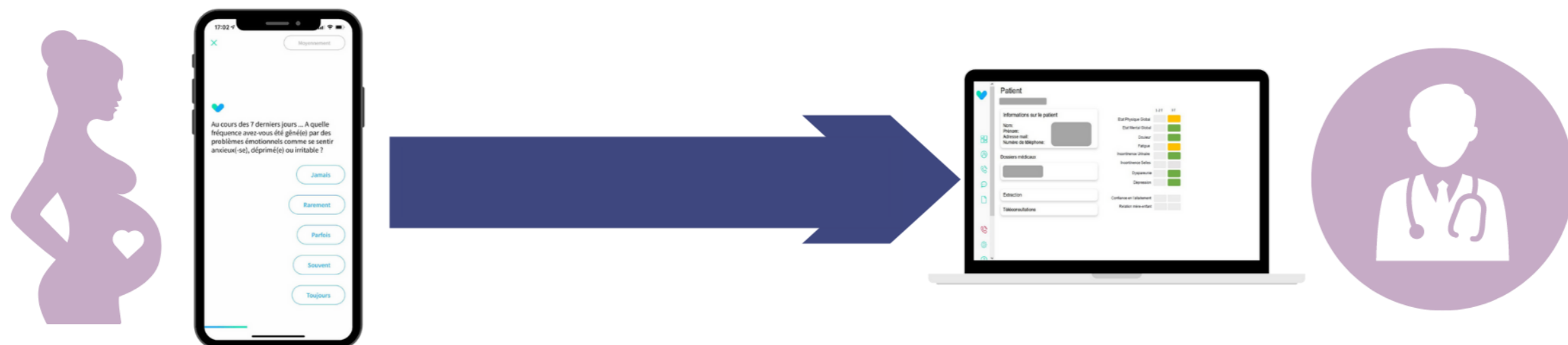
In this study we propose a comprehensive perinatal multidisciplinary care pathway, involving a coordinated team that not only covers routine obstetric care but builds a personalized pathway for patients adapted to their needs. Outcome measurements, in particular patient reported outcome measurements (PROMs) collected digitally and available to the care team in routine use are used as a support to adapt the pathway to patients' needs.

Methods

A highly coordinated multidisciplinary perinatal pathway has been launched in gynecology clinics in France.



During the whole pathway patient reported outcome measures (PROMs) and clinical reported outcome measures (CROMs) proposed in the ICHOM Pregnancy and Childbirth Standard Set are measured systematically and longitudinally using our in-house IT system. PROM results are available on a dashboard to the different members of the clinical team in order to be used in daily practice as a support for clinical care.

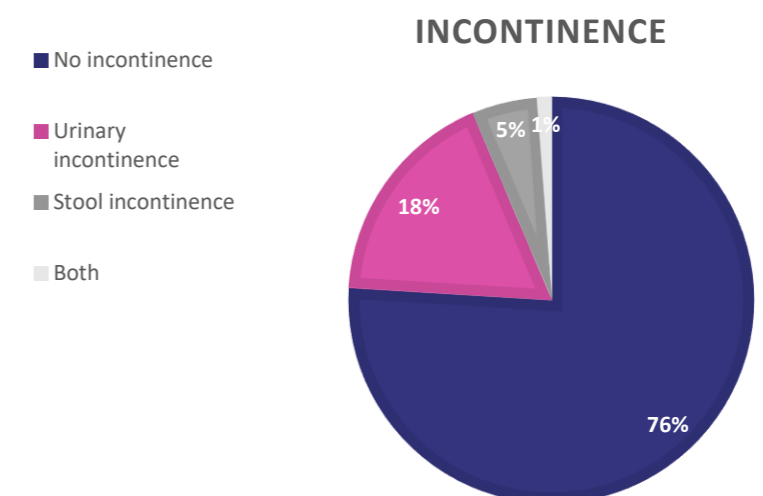
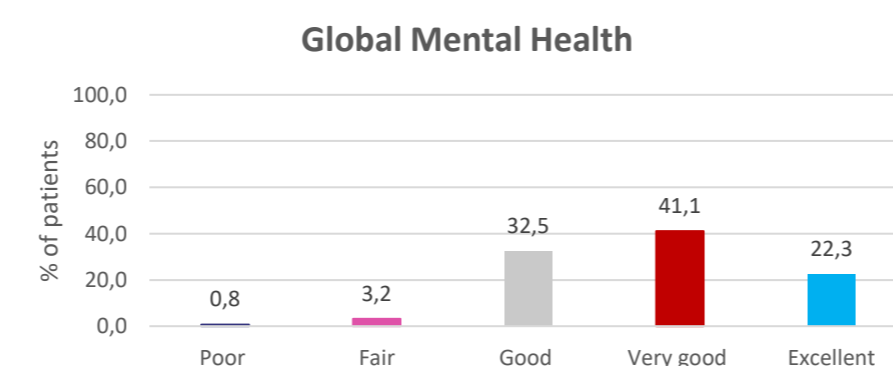
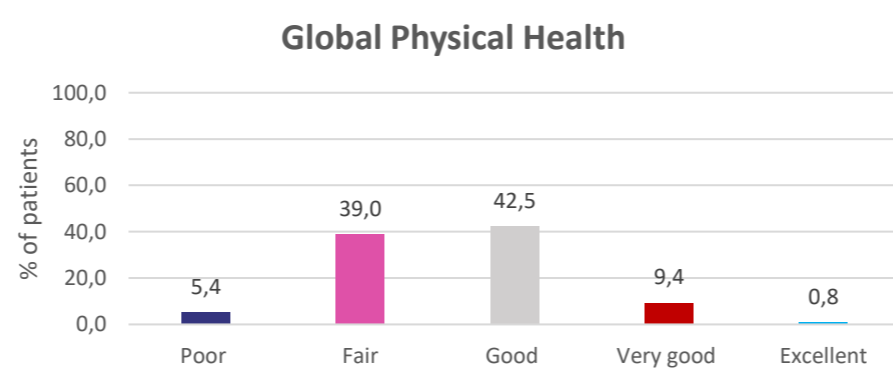


In terms of finance and reimbursement, we are testing a new model: the whole multidisciplinary pathway is included in a bundle payment covering the whole cycle of care. Patients pay for their normal obstetric care (covered mainly by social security and health insurance).

Results

This is a project that is currently ongoing. 372 patients have been recruited at the beginning of their pregnancy between January and March 2021. This baseline data allows us to have a preliminary idea of the overall health status of pregnancy patients in the group of gynecology clinics.

	N= 372
Age	31[28-35]
Parity	
Primiparity	208 (55.9%)
Multiparity	164 (44.1%)
Comorbidities	
Diabetes	12 (3.2%)
HTA	8 (2.2%)
Mental Troubles	6 (1.6%)
Overweight (BMI > 25)	101 (27.1%)
Underweight (BMI < 18)	16 (4.1%)



We are currently collecting the data in order to evaluate the impact of this multidisciplinary pathway and the fact that PROM data is available to the care team in health outcomes.

Conclusion

The next steps of this project is to evaluate the effect of the multidisciplinary pathway in health outcomes in the perinatal pathway. An improvement of health outcomes is expected, in particular in terms of mental health quality of life which is often difficult to identify and improve during perinatal care. In addition, first returns from practitioners using PROM dashboard suggest the potential role of PROMs as a shared-decision making tool in perinatal. Further studies must be performed in order to demonstrate this utility.