

Liège, July 21, 2019

Dear colleagues,

DNAlytics, the Bone and Cartilage research Unit (University of Liège, Belgium) and EUROVISCO would like to propose a survey that assesses whether the current clinical practice follows the EUROVISCO recommendations in terms of re-treatment with viscosupplementation (VS) in patients suffering from knee osteoarthritis. This survey takes place in the frame of the PROUESSE BioWin project with a financial support of Wallonia (Belgium). This project supports the development of a new VS solution and the development of precision medicine tools that help doctors to monitor and take important decisions about patients with osteoarthritis (OA).

The primary objective of this study is to measure the agreement rate of the current clinical practice with the EUROVISCO decision algorithms for the re-treatment with VS in patients suffering from knee osteoarthritis over a broad range of MDs from several specializations and different countries. The secondary objective is to assess whether there are different agreement rates with EUROVISCO algorithm for re-VS between doctor specialisations and countries.

To do so, fictional study cases will be sent to doctors asking for their decision in terms of VS re-treatment or not. These cases contain a short medical history and a list of all necessary and several useless criteria in order to make a decision about VS re-treatment. These questionnaires are implemented as online forms. The value of each criterion is hidden by default. The doctor has the possibility to display the criteria that he thinks are relevant in order to make the diagnosis. The detailed analysis plan and sample translation file are provided as attachment.

In a first, we asked to some of our colleagues to translate the online questionnaire in their native language. We would like thank these colleagues for their outstanding job. Now we are moving to the **second step: participants recruitment!**

We would be delighted if you **accepted to disseminate the survey to your MD colleagues**. We need of physicians with different level of experience and from different discipline (Physical therapist, Rheumatologist, Orthopaedic surgeon, ...). The required number of doctors is 200 for the primary objective and 800 for the secondary objective. **Your target is 100 physicians min!**

Please could you disseminate the following link with a short introduction from your part.

<http://revisco-survey.dnalytics.com/>

Of course, if this work lead to a publication, you will be a co-author.

Best regards,

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