Back-Up: Personalised Prognostic Models To Improve Well-Being And Return To Work After Neck And Low Back Pain

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Even voorstellen

- Human Movement Science – VU Amsterdam
- Researcher @ Roessingh Research & Development
- 2014 The added value of telemedicine services for physical rehabilitation
- NL/EU projects:
To select the best treatment based on the individual characteristics
The aim of the Back-Up project is to create a prognostic model to support more effective and efficient management of Neck and / or Low Back Pain (NLBP), based on the digital representation of multidimensional clinical information.
Back-UP project

- H2020 – Research and Innovation Action
- January 2018 / December 2020
- 14 partners from 9 European countries
- Budget: 5 million euro
Multidimensional health data

- Socioeconomic factors
- Behavioral factors
- Psychological factors
- Workplace risk factors
- Lifestyle risk factors
- Molecular data
- Musculoskeletal structures and function

Prognostic model
Evaluation

- RRD as leader of WP6 on Data collection and Validation
  - Vignette studies to evaluate the Back-UP(prognostic) models
  - Usability studies to evaluate the usability and user-experience of the online web tool
  - Implementation study to evaluate the service model and implementation strategies
Thank you