DECEMBER 2022

DIGMINE NEWSLETTER

Improved diagnostics by digital gold mining in historical neurophysiological data

WHAT's NEW?

Change of project name

As our project expands, we needed a more including project name than "E-norms". Our new name is "DIGMINE" as our aim is improved diagnostics by digital gold mining in historical neurophysiological data.

New collaborations

We welcome Vestfold Hospital Trust (Tønsberg hospital) to our data collaboration team! Our database will now include almost 220.000 patients with neurophysiological data!

Funding

Congratulations to Petter Omland for funding for a post doc position from the Central Norway Regional Health Authority! Unfortunately, we did not get funding from the South-Eastern Regional Health Authority.

ONGOING ACTIVITIES

- Finalize the common communication platform on Microsoft teams

- Publish a summary from our first DIGMINE seminar

- Grant application writing

- Data export and anonymization from new collaborators

- Further extend our database with collaborating hospitals and include all neurophysiological data from Keypoint machines

- Help laboratories across Norway to use standardized nomenclature in neurophysiological assessments to improve future data quality

- Drafting the first validation paper

- Continue comparison of methods and data simulation for validation

First DIGMINE seminar

A two-day seminar for the DIGMINE project took place on the 7th and 8th of November 2022 at Oslo University Hospital.

Valuable group discussions

Collaboration partner Joe Jabre presenting the E-norms method

Our industrial partner, Cadwell, present how we can implement our results in the clinic

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THE PROJECT

The DIGMINE project is a quality control and research project at Oslo University hospital with the worlds biggest neurophysiological database with data from collaborating hospitals across Norway. Our aim is to improve neurophysiological diagnostics for people who suffer from neuromuscular disease in Norway. By utilizing novel methods we will establish new reference values and quality assurance systems using historical data obtained from patients in Norwegian laboratories.
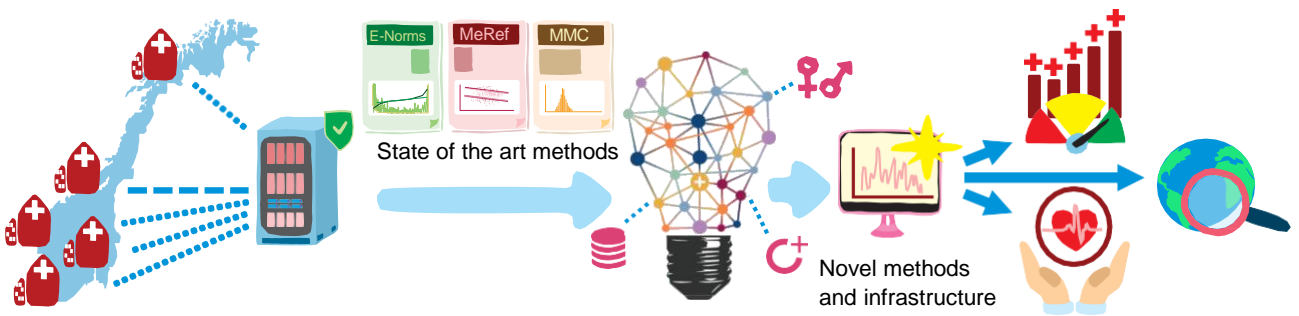
For more information about the project: https://www.ous-research.no/e-norms

THE PROJECT GROUP

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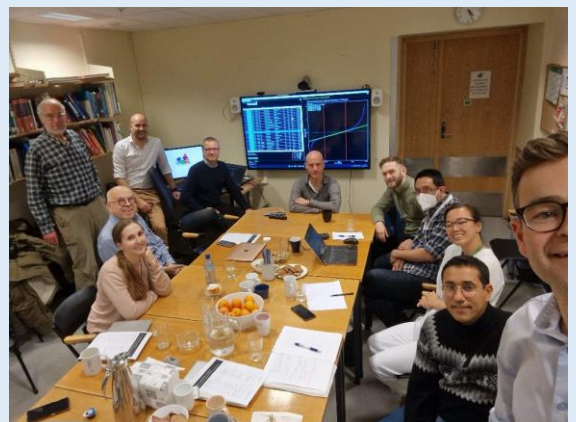Øystein Dunker

Computer Scientist:
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Collaborators:
Anis Yazidi
Joe F Jabre
Martijn Tannemaat
Robert Reijntjes

Industrial partner:
Cadwell

Merry christmas from the DIGMINE project group