

# LE SS

Lean European Open Survey on SARS CoV II Infected Patients

March 30th 2020

# LEOSS in a nutshell

- Identify independent predictors of outcome in patients with SARS-CoV-2.
- European multi-center cohort study
- Hospitalized patients and patients who receive ambulant treatment of all ages
- No informed consent necessary
- Starting March 2020 - open end

# What makes LEOSS ✨special✨?

- Real-time publication of
  - All data for the scientific community
  - Selected statistics for the public
- Anonymous documentation of cases
  - No informed consent necessary
  - Children / unconscious / dead includable
- Autonomous, self-managed study sites

# Data-science & LEOSS

- Latest metrics on LEOSS at [www.leoss.net/status](http://www.leoss.net/status)
- Latest statistics for the public at [www.leoss.net/statistics](http://www.leoss.net/statistics)
- Latest access to the scientific dataset at: [www.data.leoss.net](http://www.data.leoss.net)

Currently work in progress :)

# How to get involved - I

## Register your hospital / study site

- Visit [www.leoss.net/registration](http://www.leoss.net/registration)
- Get in contact with us via the registration form or email: [info@leoss.net](mailto:info@leoss.net)
- Download the LEOSS-Starter-Kit (Study Protocol + Appendix + more)
- Get agreement of your ethic committee;  
set-up your team;  
start documentation!

# How to get involved - II

Register team members - ask them to

- Follow the registration at [www.leoss.net/registration](http://www.leoss.net/registration)
- Select appropriate role during registration
- Download and study the LEOSS-Starter-Kit (Study Protocol + Appendix + more)
- Join the LEOSS Chat platform

# How we communicate

- LEOSS Chat: Channels on documentation, ethic votes and more
- Daily status-report Email
- Twitter: @LEOSS\_CoV\_2
- Email: info@leoss.net & Phone
  - 8am - 8pm Mon - Sun: +49 221 478 88838 (Max Schons, Cologne); +49 221 478 86977 (Melanie Stecher, Cologne)

# How we document cases - I

- Ask your Virology-Department for cases
  - Daily report of positive hospitalized patients
- Onboard ICU & Internal Medicine
  - create a mailing list for easier communication
- Designate a Docu-Coordinator
  - Assigns cases to members of the local team
- Ask for help
  - E.g. medical students might support you



# How we document cases - II

- Multi-Account Setup
  - Documentation account for all team members
  - Parallel documentation possible, but not possible to see other users work
- Single Account Setup
  - One shared documentation-account
  - No parallel documentation, but easy review among multiple users possible

# How we document cases - III

- Login eCRF via [www.leoss.net](http://www.leoss.net)
  - Use your username and password, go to "Survey List" and select the LEOSS project
  - Register a new patient
  - Initiate documentation by clicking on the little pen next to the patient
  - Data entry may be interrupted at any time and continued during the next log in

# Common pitfalls

- If you rely only on your virology department you might miss some cases
  - E.g. transferred from other hospitals
  - Consider central reporting / daily search in your electronic health care record
- Automatic pseudonym generation with Internet Explorer does not work
  - You can create manual pseudonyms or switch to Firefox / Chrome