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How electronic services and automatic data collection help the practitioner save time for the patient

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Background & Aim: While many services have moved to the Net, the standard of activity of the healthcare is still based on booking an appointment and face-to-face consultation. Electronic services may solve the availability problem in basic healthcare. Automatic data collection and synthesis with evidence may help applying data in right place and save time consumed in routine work. The client and the producer of a health service can meet electronically i.e. through communicating at a time that is best suited for each. Face-to-face consultations may be reserved for more complex situations requiring human interaction. The expansion of virtual services presents a challenge to our training.

Method: The workshop consists of three separate parts:
   a. How do we collect patient data? Traditional methods include history-taking, clinical status, test results like laboratory and radiological examinations and, measurements by the patient like blood pressure follow-up. Data may also be collected automatically by the patient from data produced by health devices and apps like fitness trackers. Social data including family, work, hobbies, and environmental factors should be included. Genetic factors will be increasingly important. Do we manage with all this data?
   b. How do we interpret and apply patient data? Individual risk analyses will be produced automatically e.g. by calculators, decision support and drug interactions. Patient examples are used to concretize these possibilities.
   c. Does virtual encounter in simple health problems save time for appointments that benefit from personal contact? Should we move towards coaching change of lifestyle in patients with chronic diseases? Do we master traditional doctor-patient-relationship and motivational interviewing? How does all this challenge our training?

Results of the discussions will be collected and reported.

Conclusions: How should we use modern technology wisely avoiding technocracy?