Swiss Inflammatory Bowel Disease Cohort Study (SIBDCS)

Summary / Zusammenfassung
Progress accumulated in the understanding of the genetic and immune pathogenesis of IBD, as well as the advent of modern immuno-modulating and biological therapies, have induced profound changes in the management – and possibly in the outcome - of IBD patients. However, there are major gaps in the knowledge needed for clinical decision making, including long-term drug safety of biological therapies, their interactions with older therapies, the relative benefits of the various possible treatment strategies, the chemo-prevention of colon cancer as well as the influence of current treatment options on patient physical, mental and psychosocial long-term state of health. Likewise, information available for global aspects of health care management of these patients is mostly derived from patient populations exposed to treatment strategies that are no longer the standard of care, and the impact of the novel treatment approaches is not established.

Based on the development of a population-based cohort in the State of Vaud (cohorte vaudoise), on pre-established criteria for appropriateness of care (EPACT), and taking advantage on the existence of a na-tional network of IBD-oriented laboratories, clinical centres, private practice specialists and social and psychosocial medicine as well as paediatric divisions in the country, the development of a prospective, countrywide cohort is proposed. The clinical and socio-economical data as well as the biological samples to be collected in this cohort aim in particular to analyse appropriateness of care, relations between therapy and patient out-come, impact of disease and therapy on mental health and other psychosocial factors, and economical aspects of patient care. As IBD is a typical model of chronic relapsing inflammatory condition, at least some of the information obtained through this cohort may apply to other conditions like chronic rheumatologic diseases or dermatological conditions. At this stage 1102 patients are included, 1065 enrolment data sets are completed, and 308 patients already underwent a first annual follow-up.

While some aspects of this project are country-specific, SIBDC is oriented towards international collabora-tions. SIBDC is one of the cohorts included in the EU framework 7 funded IBDase consortium (collabo-ration letter by Dr D. Lottaz previously submitted). SIBDC is one integral part of another project funded by the Crohn’s and Colitis Foundation of America on osteoporosis in young patients (collaboration letter by Pr. S. Ferrari previously submitted). Recently, the European Crohn’s and Colitis Organisation (ECCO) adopted the IBDIS system developed by Pr. W. Reinisch in Vienna as a recommended common data collection system within its member scientific communities. We have established contacts with the IBDIS to create a platform able to translate our data in this system. Early feasibility analysis showed a 75% direct homology between the data collection systems, while a further 10-15% of the SIBDC data can be modified to fit the IBNIS database system.

Within the project there is a special paediatric cohort that has been setup by the Division of Gastroenterology and Nutrition of the University Children's Hospital Zurich

Members of the SIBDC steering committee are:
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Publications / Publikationen


Cámara RJ, Begré S, von Känel R. The Effect of Stress-Relieving Interventions on Inflammatory Bowel Disease: Quality Assessment of 10 Therapeutic Studies. Zeitschrift für Psychosomatische


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