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Annual Report 2013

Centre for Clinical research Sörmland
(CKFD)

Ove Axelsson, Head of CKFD



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Introduction

Tomas Gustafsson, the three-times olympic gold medallist in speed skating, was one of the guest lecturers at our Research and Development (R and D) Day in April 2013. Tomas Gustafsson is a genuine Södermanlander, born in Katrineholm and raised in Eskilstuna. His talk focused on “how to motivate oneself”; a subject of utmost importance not only for elite athletes but also for researchers, teachers and clinicians. He brought up carefully prepared and valuable thoughts and aspects on the subject. Moreover, he did so with a lot of spirits and humour. The other guest lecturer was Johan Hallqvist, professor in Preventive Research at Uppsala University. He gave an interesting talk on a new research strategy with the aim to elucidate if certain events can provoke myocardial infarction. We learnt that sometimes the correlations are far from simple. For example, to carry through Vasaloppet, 90 kilometers of cross country skiing, will have a protective effect concerning the risk of contracting a myocardial infarction, but can, in the short run, provoke an infarction. Both guest lectures were highly appreciated as were the sessions with lectures held by our own researchers. The department of Anesthesiology received, most well-deserved, the 2013 award for being the “most research-friendly unit” in the county. About 120 persons participated in the R and D day.

To improve the contacts between our Centre for Clinical Research Sörmland (CKFD) and clinical workers in the county four lunch seminars have been arranged at the Central hospital (Mälarsjukhuset) in Eskilstuna. The first seminar was held by statisticians from our R and D Centre of which CKFD is a part. The other 3 were led by 3 senior clinical researchers from Uppsala University, all members of our Research Council. The inspiring seminar held by associate professor Agneta Skoog-Svanberg focused on news in infertility treatment, professor Tommy Cederholm gave us deeply interesting news on nutrition and professor Pär Hellström on novel methods to evaluate gastro-intestinal diseases. We see these seminars as successful and aim to continue with such arrangements also during 2014. At least one of the seminars 2014 will be held in Nyköping.

To make us more known within the county we have invited ourselves to meetings with leading politicians and officials. These meetings have been of considerable value with fruitful and constructive discussions. On the national level we participate in the planning and implementation of new strategies, proposed by the government, with the aim to support clinical research. Our own region, Uppsala-Örebro, is the second largest in the country, and the seven counties cooperate to create a regional node to support regional clinical research. Moreover, we have a well-established cooperation concerning the Regional Research Foundation (RFR).

During 2013 nine courses on research education were given by our unit and 100 persons participated. A course on Scientific writing was arranged for the first time.

The number of research students as well as the number of senior researchers is increasing, which we see as steps in the right direction. In the years to come we hope to get premises within the Central hospital in Eskilstuna and thereby come closer to our clinical counterparts. We see such a move as a most effective way to enlarge the most necessary contact surfaces between us and the clinical sector.

Eskilstuna in april 2014

Ove Axelsson, Head, Centre for Clinical Research Sörmland

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Organization

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Head

Ove Axelsson

Deputy Head

Thorne Wallman

Administrators

Pernilla Larsson

Anna Lundström

Maria Skagerström (2013-11-21)

Research Supervisors

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Markus Castegren

Staffan Eriksson

Lena Nordgren

Thorne Wallman

Yu-Hui Wang

Community Medicine/Statistics

Anna Ekholm

Hans-Georg Eriksson

Fredrik Granström

Ulf Larsson

Lotta Sahlqvist

Hospital Libraries

Head

Kristina Smedeby

Librarians

Krister Aronsson

Ragnar Eng

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Anna Videfrost (2013-09-02)

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Eng, Ragnar

Eriksson, Hans Georg

Eriksson, Staffan

Granström, Fredrik

Heljedal, Susanne

Henriksson, Jill

Larsson, Christina

Larsson, Pernilla

Larsson, Ulf

Lundström, Anna

Martinsson, Sara

Nordgren, Lena

Rydenfors, Marianne

Sahlqvist, Lotta

Skagerström, Maria

Smedeby, Kristina

Wallman, Thorne

Wang, Yu-Hui

Videfrost, Anna

Årebrink, Anette

Doctoral Students 2013

The following doctoral students are supported

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Dissertations 2011-2013

Annerbäck, Eva-Maria

Child Physical Abuse

Linköping University, ISBN 978-91-7393-206-6, 2011

Castegren, Markus

Modulating Organ Dysfunction in Experimental Septic Shock – Effects of Aminoglycosides, Antiendotoxin Measures and Endotoxin Tolerance

Uppsala University, ISBN 978-91-554-8031-8, 2011

Strand Brodd, Katarina

Delayed Development of Visuomotor Capacity in Very Preterm Infants.

Uppsala University, ISBN 978-91-554-8110-0, 2011

Falkenström Fredrik

The Capacity for Self-Observation in Psychotherapy

Linköpings University, ISBN 978-91-7519-797-5, 2012

Henriksson Otto

Protection against cold in prehospital trauma care

Umea University, ISBN 978-91-7459-422-5, 2012

Linus Johansson

Trust in biobank research, Uppsala universitet

ISBN 978-91-554-8585-6, 2013

Margaretha Koch

On implementation of an endodontic program, Tandvårdshögskolan Malmö,

ISBN 978-91-7104-394-8, 2013

Marika Möller

Fatigue and cognition – hormonal perspectives, Karolinska institutet

ISBN 978-91-7457-984-0, 2013

Pegelow Marie

Genomic and dental investigations of individuals and families with non-syndromic cleft lip and/ or cleft palate, Van der Woude and popliteal pterygium syndromes.
Karolinska Institutet, ISBN 978-91-7457-587-3, 2012

Keld Vaegter

Promoting Rational Drug Prescribing in General Practice, Uppsala universitet
ISBN 978-91-554-8282-5, 2013

Publications 2011-2013

Original papers

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- Lännerström L, Wallman T, Holmström IK.** Losing independence – the lived experience of being long-term sick-listed. *BMC Public Health*. 2013 Aug 12;13:745. doi: 10.1186/1471-2458-13-745.
- Majeed A**, Eelde A, Agren A, Schulman S, Holmstrom M. Thromboembolic safety and efficacy of prothrombin complex concentrates in the emergency reversal of warfarin coagulopathy. *Thrombosis Research*. 2011. Epub 2011/08/03
- Schulman S, **Majeed A**. A benefit-risk assessment of dabigatran in the prevention of venous thromboembolism in orthopaedic surgery. *Drug Safety*. 2011;34(6):449-63. Epub 2011/05/19
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L, Kumlien G, Le Blanc K, Ljungman P, Machaczka M, Malmberg KJ, Marschall HU, Mattsson J, **Olsson R**, Omazic B, Sairafi D, Schaffer M, Svahn BM, Svenberg P, Swartling L, Szakos A, Uhlin M, Uzunel M, Watz E, Wernerson A, Wikman A, Wikström AC, Winiarski J, Ringdén O. Improved Survival after allogeneic Hematopoietic Stem Cell Transplantation in recent Years. A single-center study. *Biol Blood Marrow Transplant*. 2011 Nov; 17(11): 1688-97

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2011

Andersson L. Jag måste nog bli sjukare först... Hjärtsviktspatienters erfarenheter av uppföljning och hälsoinformation

Hedberg J. Btx-A injektioner och terapeutiska interventioner: Effekter på rörelseförmåga i övre extremiteter hos barn med CP – En pilot studie.

Skarin M. Utvärdering av Näckrosprojektet

Tedenljung E. Gång med rollator belastar kognitionen hos äldre personer med nedsatt kognition – en pilotstudie.

2012

Axén R. Utvärdering av KOL - skola på Kullbergsska sjukhuset med avseende på fysisk funktion, hälsa och välbefinnande.

Palesjö C. Att ha svävat mellan liv och död - En fenomenologisk hermeneutisk studie av akuta och livshotande sjuka patienters upplevelser och erfarenheter under tiden de återhämtar sig.

2013

Jonson H, Holmqvist-Lyback S. Får patienter med carpaltunnelsyndrom arbetsterapeutisk konservativ behandling innan operation?

Abstracts 2013

Andreae C, Årestedt K, Strömberg A. EuroHeartCare 22-23 March 2013 in Glasgow, Scotland. Title: Caring for appetite among patients with chronic heart failure- The extent of appetite and associated factors in outpatient clinic settings

Andreae C, Strömberg A, Årestedt K. Heart Failure Congress 25-28 May 2013 in Lissabon, Portugal. Title: Predictors for appetite among patients with chronic heart failure.

Annerbäck EM, Riskkongress 2013, Svenska föreningen för familjeterapi Title: Barnmisshandel en del av våldet i nära relationer – familjeterapeutisk utmaning?

Bjurling-Sjöberg P. Abstract, Standardiserade vårdplaner inom svensk intensivvård – en nationell kartläggning. Fria föredrag AnIva höstkongress, Älvsjö 21-22 November 2013.

Sperber J, Lipcsey M, Larsson A, Larsson A, Sjölin J, Castegren M. Abstract ISICEM Bryssel 2013. Title: Effect of protective ventilation on organ specific cytokine production in an experimental postoperative sepsis model

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Hjelm H, Posterpresentation “Kardiovaskulär sjukdom I ett brett perspektiv” Stockholm 25-26 januari 2013

Liljeroos M, Ågren S, Jaarsma T, Strömberg A. Heart Failure Congress 2013, Lissabon, Portugal. Title: Perceived needs of supportive care in patient-partner dyads affected by heart failure

Liljeroos M, Ågren S, Jaarsma T, Årestedt K, Strömberg A. Heart Failure Congress 2013, Lissabon, Portugal. Title: Factors influencing caregiver burden in partners of patients with heart failure – a long term follow up

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Möller M. Abstract till 41th Annual Meeting of the international Neuropsychological Society in Waikoloa, Hawaii, February 6-9, 2013. Title: Fatigue and Cognitive Functions in Newly Diagnosed Graves.

Nylander C, Seidel C, Tindberg Y. Abstrakt och poster till Barnveckan april 2013. Titel: Få skyddsfaktorer och anhopade riskbeteenden bland ungdomar med kroniska sjukdomar

Nylander C, Christie D. Abstrakt och workshop på International Association of Adolescent Medicines världskonferens i Turkiet. Title: When adolescent medicine is not enough: a neurodevelopmental perspective

Peterson G. Muntlig presentation, Australian Physiotherapy Association (APA) Conference 2013, Melbourne 17-20 October New Moves; Title: The effect of three different exercise regimes on neck muscle endurance for chronic whiplash associated disorders. A randomised control trial

Peterson G. Muntlig presentation Sjukgymnastdagarna 2-4 oktober, 2013, Göteborg. Titel: Effekt av tre olika träningsformer på nackmuskeluthållighet och nacksmärta. En randomiserad kontrollerad studie för personer med whiplashskad

Peolsson A, Landén Ludvigsson M, Wibault J, Dederig Å, Peterson G. Posterpresentation 130626-26 World congress, International Society for Posture and Gait Research (ISPGR) Akita, Japan

Fredriksson Kaul Y, Rosander K, von Hofsten C, Böhm B, Westas L, Strand Brodd K. Abstract published at European Society of Pediatric research annual congress. Porto 10-12 Okt 2013.
Title: Early development of Smooth Pursuit Eye movements in very preterm children in association to their cognitive development at 2 ½ years

Söderström U. Abstract till 39th Annual Conference of the International Society for Pediatric and Adolescent Diabetes taking place in Gothenburg, Sweden from October 16-19, 2013. Title: Type 1 diabetes in children with non-Swedish background – clinical and socio-demographic status at disease onset differs from native Swedish children

Wallsten M. Presentation 18th ISPS congress Warsaw August 2013, Abstract Title: Embracing the experiences by patients and family members regarding in- and outpatient care using semi-structured interviews

Zander V. Abstract European Federation of IASP Chapters, Florens, Italy 9-12 okt 2013. Title: Struggling for sense of control: Everyday life with chronic pain for women of the Iraqi diaspora in Sweden

External grants 2013

Baxter Medical	180 tkr
Barndiabetesfonden	150 tkr
Diabetesstiftelsen	40 tkr
Regionala forskningsrådet	850 tkr
SSFM KI	50 tkr
Strokeförbundets stiftelse	12 tkr
Norrbacka Eugeniastiftelsen	50 tkr

Courses – Education 2011-2013

1) Introduction to Scientific Methods (a 3,5-day course):		
	6 occasions 2011-2013	126 participants
2) Advanced course in statistical methods (a 2-day course):		
	2 occasions 2011-2013	17 participants
3) How to construct enquires (a 1,5-day course):		
	1 occasion 2012	15 participants
4) Education for mentors (a 3-day course):		
	1 occasion 2011	16 participants
5) Logistic regression (a 1-day course):		
	1 occasion 2012	12 participants
6) Methods in qualitative research (a 4-day course)		
	2 occasions 2012-2013	8 participants
7) Evidence-based caring (a ¾-day course)		
	5 occasions 2012-2013	42 participants
8) Scientific Writing (5 lessons à 2 h)		
	1 occasion 2013	10 participants
9) Research seminars (1 h)		
	4 occasions 2013	126 participants