



ACACI Austin Centre for
Applied Clinical Informatics
www.acaci.org.au

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Welcome to the September edition of our newsletter

This newsletter is so you can see what's going on with our projects, staff, Informatics Seminars as well as extending our informatics network.

Goodbye & Good luck!

After a year with us Dr Sebastian Garde, originally from Germany, is returning to his mother land. Sebastian has made an amazing scientific contribution to ACACI and Nursing Informatics via his collaboration with Central Queensland University. Sebastian has been awarded many accolades from around the world honouring his work in open eHR and archetypes. We would like to express our sincere gratitude for his quite and gentle intellectual contribution to health informatics challenges. His vision of having computational systems that talk to each other, ensuring patient safety, is becoming a reality after the internet phenomenon known at "semantic interoperability".



Dr Carola Hullin says *"personally it has been a great academic experience to work so closely with Dr Garde and have the most amazing colloquium with our local, national and international students"*.

We wish him well for the future. Danke & Auf Weidershen!

Nursing Informatics Symposium

"To demonstrate and share the experiences and utilisation of Information Communication Technologies at a tertiary healthcare setting"

Tuesday 30th October 2007, 9am - 5pm

John Lindell Theatre- Level 4, Lance Townsend Building, Austin Health

Organised by Austin Health Nursing Informatics User Group. All health professionals welcome. They day will introduce and expand the knowledge of informatics and the direction of health technologies.

From ACACI Executive Officer

Sofie Ioannidis



The last few months have been productive and relatively busy in ACACI. In August, several representatives from ACACI had the opportunity to attend an internationally renowned event, hosted in Brisbane

- Medinfo 2007. Some of the ACACI staff participated in presentations, including poster presentations, tutorials & chairing of workshops. A copy of the proceedings and presentations is available through ACACI.

In the last newsletter, I highlighted that ACACI held a half-day Clinical Systems Strategic Planning Seminar. The report has been published and is available on the ACACI intranet site via the following link <http://armcnet/Departments/acaci>. ACACI will work

in alignment with the strategic priorities that have resulted from this planning day. The main limitation is related to resources and building up our body of knowledge, given that we have a number of relatively new staff, including myself.

In September, Joan Ostegaard, Product Manager - Strategic Marketing from TrakHealth had the opportunity to meet with a number of clinical & non clinical representatives at Austin Health. Joan's role in TrakHealth is to research how TrakCare (otherwise known as MedTrak at Austin), can be further developed to meet user needs. Some of the topic/issues covered during Joan's two day site visit included: risk management, clinical handover, scheduling in theatre and clinical documentation needs. Joan also had an opportunity to observe usage of TrakCare (MedTrak), in Emergency, ICU & Health Information Services.

Informatics Seminars 2007

Please visit the [ACACI website](#) for previous presentations. Dates for 2008 will be posted soon.

Tuesday 23rd October - 5pm

Room 4.4, Education Precinct

Making Health Compute - Advances in the use of Clinical Archetypes

Dr Hugh Leslie, Ocean Informatics Pty Ltd

www.oceaninformatics.net

Thursday 29th November 4pm

Room 4.4, Education Precinct

Electronic Meal Ordering

Liz Simkiss, Food Services Contract Manager

&

Electronic Screening Tool for Malnutrition

Heather Davis, Caitlyn Green, ACACI Project Officers &

Rodney Camba, Application Support Officer

Sessions will be held in the Education Precinct on Level 4 of the Austin Tower. Car parking is available via the Studley Road car park. A map of the Austin is available via www.austin.org.au/MapData/1.pdf

Project Overviews...

A brief overview of some of the ACACI project work

Nutrition Risk Assessment Project Update

This project is being lead by [Heather Davis](#) & [Caitlyn Green](#)

7 East Staff Trained

The 7 East staff were trained on EMUST during June & July. This went very smoothly with Rosemary Interlandi scheduling specific times for 7 East staff to attend training sessions. The majority of staff were trained in the computer training room. A special thank you to Anna Brazzale for making the room available and assisting with training sessions. It is always handy to have a training expert as your backup. Another thank you to Emmi Godau who carried out the training of the night staff. A great team effort!

7 East Go Live with EMUST

7 East went live with EMUST on July 23rd. This went extremely smoothly with Anna Brazzale & Andrew Chong assisting us with roving support and covering the ward on our off days. The staff on 7 East are doing a fantastic job screening patients and have even suggested some changes to the system which have since been implemented.

Early Results...

Pre - Admission Clinics

To date 360 patients have been screened in pre-admission clinics. Early data indicates obesity is a greater issue in this group of patients. Under nutrition is less prevalent in the outpatient group, which is consistent with the nutritional state of the wider community.

7 East MAPU

To date 182 patients have been screened on ward 7 East. This is a general medical ward, which contains more acutely ill patients. Early data indicates that a large percentage of this group are either at high or medium risk of malnutrition with a lesser number being obese.

Post Implementation Review

We are now in the process of carrying out a post implementation review with the pre-admission liaison nurses. We plan to conduct evaluation sessions with ward nursing staff in the next few weeks.

What's Next?

We are now in the process of doing a system specification for the next phase of the project. This will encompass a dietetic assessment, management and documentation system.



Nutrition Risk Project @ MEDINFO 2007

This project was represented at Medinfo 2007, which is a triennial international conference for the medical informatics community. This was a fantastic arena for networking, sharing ideas, research and in general finding out what is going on internationally in the field of health informatics.

We were fortunate to have our poster presentation on our preliminary work regarding the *“Development and Implementation of an Electronic Risk Assessment tool for Acute Hospital Patients”* accepted for display at the conference. This was a great opportunity and enabled us to share our experiences with a wide array of people interested in implementing systems in acute hospital settings.

Left: Heather Davis at Medinfo 2007

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A brief overview of some of the ACACI project work

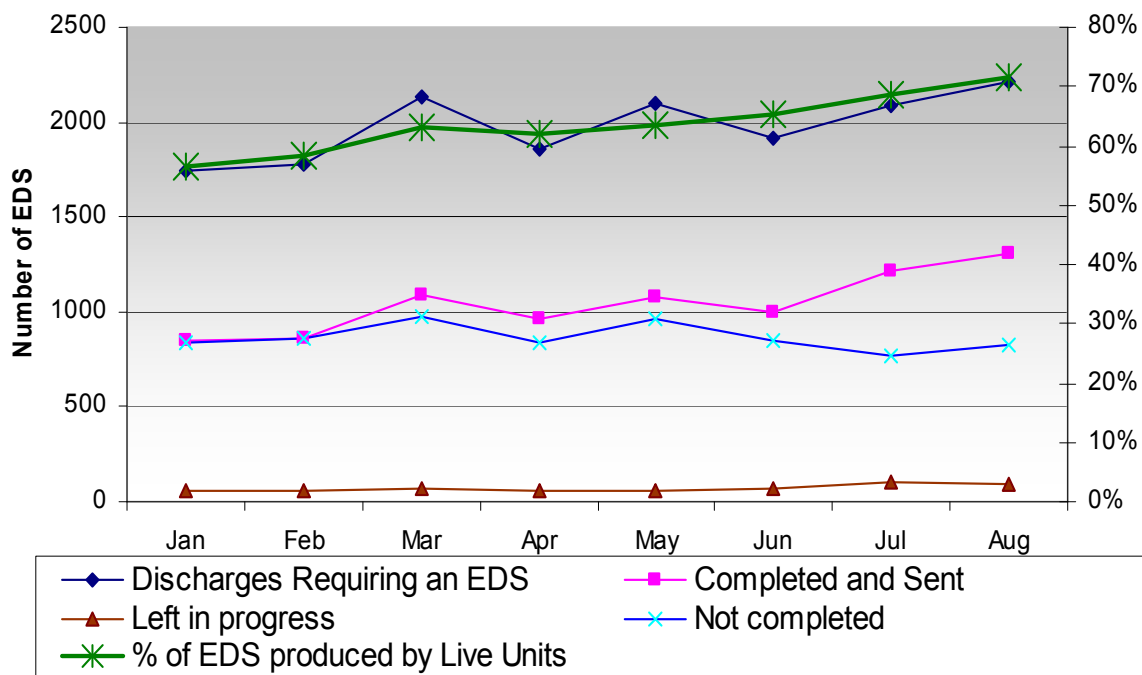
Electronic Discharge Summaries (EDS)

Sean Conley is leading the roll out of this Med Track based form to all clinical units.

Over the past two months the EDS project has moved forward with the Neuro-rehabilitation unit, Acute Spinal and the Adolescent Unit (within the Child and Adolescent Mental Health Service—CAHMS) all happy to begin changing over their current discharge summaries to EDS. Negotiations continue with a further 15 clinical units.

A status report for the EDS project has been completed. This report will be presented at the next IT steering committee on October 18th. This report will table several key recommendations and shape the future of the EDS project. A recent audit of the units that are 'live' with EDS was completed. The audit data has shown that the proportion of live units has increased from 56% in January 2007 to 71% at the end of August 2007. Over the same period the number of EDS produced and sent by live and non-live units per month has increased from 849 to 1308. Overall these are great results and show steady rise in the use of EDS.

Breakdown of EDS Progress 2007 - Incorporating Live & Non-live Units



Clinical Audit

This project lead is Sofie Ioannidis

The Clinical Integration Database project undertaken by the Software Engineering students from Melbourne Uni students is expected to end 24th October 2007. The focus of the project is the surgical audit system managed by Vin Surendran. Testing was completed in early October with positive results. A demonstration has been arranged in mid October - this is largely focused on a deliverable of a proof of concept.