



Connexin

SCT Education update
ISSUE 04 November 2019



Welcome to Connexin

The newsletter from the SCT education team. Why Connexin? Well, connexin is a protein in the heart that allows for communication and signalling between cells. You know them better as gap junctions. Like these proteins we need to communicate what's happens, when and why. The education team have a lot of changes occurring and it is important we share and discuss them with you.

We are now two thirds of the way through the year, the education committee is working to have the CCP course completed before the start of the university year 2020. There are a number of challenges associated with this.

1. The courses have remained the same for a very long time so a lot of the materials are outdated and not suitable for the e-learning environment
2. Each new module is individually large and so require considerable effort to re-build and develop
3. Lastly, these factors create an opportunity to re-think the courses and try to bring these systems into line with recent knowledge and learning. As a result we need to take the time to ensure we are providing sustainable and robust systems.

The course under review for CCP are, Diagnostic Catheterisation (Karen Searby) , Intro Echocardiography (Ellen Woodcock) Holter/Event analysis (Karen Searby) and Introduction to pacing (Graham Orsbourn)

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What will the new CCP look like?

The last newsletter we discussed what was changing in terms of the CCP program. The topics were to remain the same with the only notable additions the pacemaker implantation section attached to the pacing module.

These modules will no doubt undergo several revisions over the next few years while we adapt and improve the systems.

Diagnostic Cardiac Cathertisation—Karen Searby

The cath lab module has been expanded to cover a lot more than in the past in order to help trainees obtain wider view point of the cath lab and will include topics such as: radiation safety, contrast issues, pre and post procedure care, medications, disposable equipment (catheters, wires, balloons, stents), ECG and pressure waveform interpretation, understanding coronary images, to name a few.

Holter Analysis—Karen Searby

This module is under development and builds on the knowledge and skills learnt in the ECG interpretation module and look to focus them on the process of analysing the ambulatory ECG data. Holter Analysis section will include topics such as: equipment features, scanning technique, recognising and dealing with technical issues, advanced ECG interpretation, symptom correlation and reporting findings

Cardiac Pacing—Graham Orsbourn

PM follow up and implantation naturally fit together and it make sense that given we have a supervised PM follow up module we could have a supervised implantation module. The PM implant module will provide a good grounding in the concepts and practicalities of the equipment, tools, vascular access and testing. The materials used in the module are being updated and made more applicable to the e learning environment as well as with modern practice.

Cardiac Ultrasound—Ellen Woodcock

The echo module is progressing and currently notes and images are being put together for the E learning environment. The overall aim of this module, as you will know, is not to teach echo. But rather to provide enough background so as to be able to follow a presentation at a conference or local meeting where basic echo images are used. In essence they will have a general understanding of how and where echo fits in the diagnostic cascade.



MTEC Update

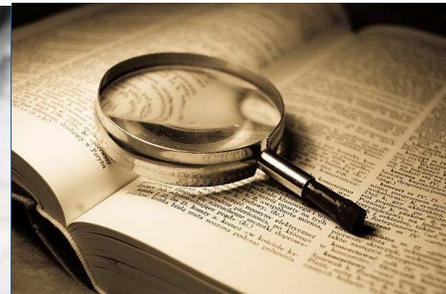
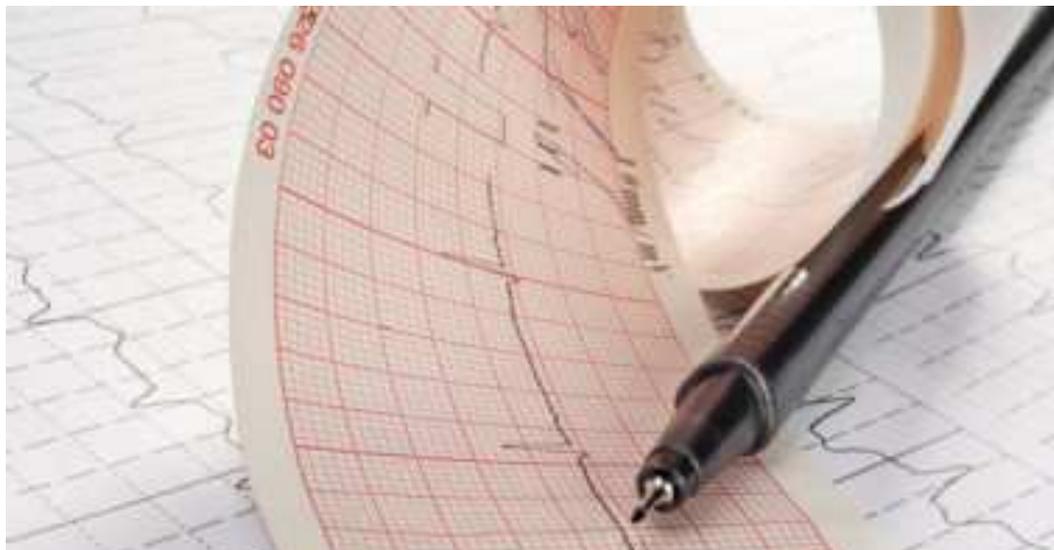
As some of you will already know, the masters program has been put on hold. This has come about as a process improvement consideration from the professional development group. The PDG are looking to investigate several options for professional development of the profession. This could range from staying with the status quo or looking at alternative options for physiologist education nationally.

The obvious consequence of this is the masters program could be put in jeopardy if it were to go ahead and then not have professional support in the future.

The long term affect of this is largely unknown, however, this creates a difficult situation for the university and for all intents and purposes, in its current format the masters program is terminated.

If you have any questions or comments, please contact Graham at

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Who are we?

The education team are represented by trainers from around the country.

Chairperson

Ellen Woodcock Cardiac Sonographer Christchurch Hospital
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Site Accreditation

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Chairman's report

This section would normally be reserved for continuing professional development. However, in light of the recent AGM it seems prudent to include the education committee chairman's report.

The Education Committee have had a busy year with the CPM and CCP courses moving online.

There are currently 10 CPM students and 12 CCP students undertaking this new format.

The advanced CCP modules are currently being updated and should be available in early 2020.

We have continued to offer CCP in the old format for trainees that started in 2018.

In the past 12 months nine students completed the full CCP course and three physiologists have sat and passed the final exam (either due to returning to the profession or qualifying overseas).

All the best to the six students due to sit the CCP final exam on the 13th of November.

Ellen Woodcock



Important dates

CCP and CPM Exams 2019

The CCP exam will remain as it is for the time being, and existing students will continue through the current system.

CCP exam dates — Wednesday the 13th November 2019

CPM exam dates — Available **from** 14th November onwards by arrangement with SCT and the training supervisor.

CPM and CCP Practical Assessment Deadlines

The CPM and CCP modules are to be completed in a timeframe set by the CCP/CPM supervisor at each hospital.

Cardiac Physiologists Symposium—Medtronic Meeting

Some great talks at the recent Medtronic cardiac physiologist meeting. A humbling experience as physiologist shared both traumatic and thought provoking experiences. Certainly, this symposium, more than any this author has attended, caused me to reflect on practices and processes

CPM Block Weekend

There will no longer be a block weekend for CPM going forward. That is not to say there will never be a block weekend. We will re-visit this idea in the future as we become more familiar with the E learning portal.

Acknowledgements

Many thanks to those who shared their experiences at the August Cardiac Physiologists symposium in Auckland.

Fiona Riddell—ACH

Judy Greenslade—CHCH

Stacey Neilson—Lakes

Robynne Breakwell—NSH

Emma Guglietta—Dunedin

Vikki Milmine—Dunedin

Kellie Timmins—Wai

Anna Wilson—Waikato

Theo Pearson—BOP

Karen DeBujin—NMDHB

Tracey Cumming—BOP

Susan Sinclair—ACH

Sharron Denekamp—CHCH

Emma Postles—CHCH

A very good series of talks that made us all think about how we practice.

Great contributions from all presenters, thank you for your time and commitment.

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