



PATIENT CLASSIFICATION SYSTEMS INTERNATIONAL

PRESENTS

THE 2012 INTERNATIONAL CASEMIX SUMMER SCHOOL

**Meriton Old Town Garden Hotel
Tallinn, Estonia
11th –15th June 2012**



Twisting cobblestone lanes and iron street lamps. Gothic spires and medieval markets, Cappuccino and Wi-Fi. If you're looking for that mix of historic ambience and cutting-edge culture and casemix community, you'll find it in Tallinn.

Introduction

All over the world, PATIENT CLASSIFICATION SYSTEMS are used for financing, clinical management, planning, evaluation, quality control and epidemiology in hospitals and in other health care delivery systems. In a growing number of countries reforms of the health care system have used PATIENT CLASSIFICATION SYSTEMS/CASE MIX tools to support the change to patient-centered and performance orientation. In others, governments are stimulated by the financial crisis and the perspective of the hopefully healthy ageing population to restructure their health care system. Countries are desperately look for tools and systems, which can help them achieve the best health outcomes possible within the scarce resources available. Many health care institutions, both providers and insurers alike are involved in the development and introduction of casemix tools in their organisations. The Patient Classification Systems International (PCSI) association has a longstanding tradition to provide a platform to researchers, policy makers, care providers, health insurers, patient organisations, management consultants and IT developers. One of the services provided is the PCSI Casemix Schools to train and educate both newcomers to the field of Casemix (Summer School) as for those with more experience in the field (Winter School).

This year for the first time, the Summer School will be organised in Tallinn, Estonia, which adds a special dimension to the thrill of the Casemix Class of international students who will gather from all over the world to learn and train with our faculty of world class casemix experts. The 2012 INTERNATIONAL CASEMIX SUMMER SCHOOL will provide a mix of introductory case mix methodology information along with more advanced concepts all within the context of interactive working sessions, exercises, and opportunities to learn from the experts and students alike during classroom time as well as during various social events. During the school, students will work in groups to share experiences from their own backgrounds and countries and will be asked to elaborate on specific case studies and present back to the larger group.

Day One: The **basics of case-mix** including the background, history, clinical dimensions, and definitions will be presented. This material will provide insight to students on what DRG-based case-mix systems are and the basic concepts required to use these tools to develop financing/payment mechanisms. In addition, the link and contribution of casemix to health economics will be presented. Finally, implementation experiences from several countries will be showcased to give students practical knowledge and guidance on casemix implementation specifics. The **clinical meaning** will be elaborated in terms of the care process from diagnosis and interventions to the coding of diagnosis and procedures. Data quality issue will also be highlighted with active participation of the students around coding examples.

Day Two: During the second day, students will report back on their work from day one and focus in on **Grouping and Costing theory, the building blocks of a Case Mix System, and uses of casemix for funding.**

Day Three: One day three, students will focus on critical **Implementation Issues** of using casemix tools in different **acute care** settings. The afternoon will offer a special program to the students so they can experience Tallinn and its surroundings. We will also host a dinner this evening for students and faculty.

Day Four: On day four, the focus of discussion will be on using **Casemix for Health System Management.** Our experts will address the concept of continuity of care, the use of statistics, casemix applications for long-term care, outcome management and utilisation review, and much more. Special attention will also be given on how and what DRGs are being used in Estonia.

Day Five: Day five, the last day of the Summer School, will provide a framework and vision for thinking about the future of health care and the role of casemix. To round up the entire week of the school, there will be an intensive workshop addressing active problems with casemix related issues in the countries the students represent. Throughout the week students will be asked to engage in exercises that relate to the question, of “How to build and implement a casemix system” and will be asked to share and discuss their ideas with the larger group. This will be the final step in the process of the learning experience of the 2012 Summer School!

One of the fundamentals of the PCSI approach is an **active participation**, which will start with the welcome to Tallinn party on Sunday, June 10, the breaks, the lunches and the dinners, the half-day team event on Wednesday, June 13 and joint School Dinner that evening.¹

This year the school will intertwine the theory and practice of casemix systems, not only from the part of the faculty, but also by active participation by the students through study and discussion groups. This will facilitate a greater understanding of casemix concepts and the deepening of specific issues from the perspective of the students interests and preferences. Within the structure of the program as much flexibility is given to reach the objective: a better understanding and knowledge about the Casemix methodology and experience.

The faculty of the School includes some of the most recognised experts on the field in the world. The program builds on the experience of many years of summer schools and executive programs in USA, Australia, Spain, UK, Italy and the previous series of PCSI Case-mix Summer Schools in Italy, Avignon, France and Evora, Portugal.

The School is organised by PCSI, a scientific society which offers a forum for networking and discussing achievements and developments in case-mix evaluation. The local organisation is In the previous years, people who have attended came from all continents from over 50 different Countries. One of the strengths of the School is the opportunities it provides for networking with others involved in the implementation of case-mix systems and creates links with the annual working conference of PCSI which was held in Montreal, Canada in 2011 and will be in Avignon, France in 2012.

*Come and join us in Tallinn on June 10th for start of a very special week !
Register via the special form on the website !
Website address. www.pcsiinternational.org/*

¹ The UEFA EURO 2012 Soccer Championship will further enhance the atmosphere among the participants of the school.

Casemix Summer School 2012 Program				
Monday 11 June	Tuesday 12 June	Wednesday 13 June	Thursday 14 June	Friday 15 June
Introduction and 'CLINICAL MEANING'	RESOURCE HOMOGENEITY	IMPLEMENTATION ISSUES	CASEMIX IN HEALTH SYSTEM MANAGEMENT	FUTURE VISIONS AND SUMMING UP
08.30	Arrive at School	Report back from groups	Report back from groups	Innovation and future developments in casemix
09.00	Introduction to participants and overview; student group allocations.	Presentation from two more countries	Presentation from two more countries	Continuity of care
	Health economics and basic casemix funding information	DRG Grouping Theory: How to build iso-resource groups. Understanding the different groupers available for use	Implementation: Acute (hospital) care - Inpatient - Outpatient	Use of statistics
	What is Casemix: History, Background, and Definitions	Understanding the building blocks/necessary elements for using casemix for funding	Expensive care: ICU. Emergency. Outliers	Tutorial: present casemix issues from your country
	Presentations from two countries	Use DRGs/Case-Mix for Funding	Funding policy components	Report back from Group work
12.30-13.30	12.30 Lunch	12.30 Lunch	12.30 Lunch	12.30 Lunch
13.30	Diagnosis versus diagnosis coding	Costing: The technical aspects of creating relative weights, borrowing weights, etc.	Team Program Exploring Tallinn	Report back from Group work <i>cont'd</i>
	Documentation in the medical record	Trimming approaches		Evaluation And Conclusion
	ICD-9/10 classifications. Procedure classification			The Estonian DRG experience
16.15	Data quality		Outcomes and quality of care issues	
			Comparison of utilisation/ utilisation review/ hospital management	
How to build a casemix system A Group effort during the whole class week End result to be presented on Friday, <i>(All groups do the same exercise which shall evolve in depth during the week)</i>				
Dinner - free Dinner - free Dinner - social Dinner - free				

School Faculty

Terri Jackson is Associate Professor in the Faculty of Medicine at the University of Alberta, and Adjunct Associate Professor at the University of Queensland, Australia. Her major research interests in health economics focus on issues of technical efficiency in the provision of hospital-based care and in funding systems which make use of case-mix adjustment. She is currently undertaking studies of the costs and outcomes of adverse events in hospital care in both Australia and Canada.

Kristiina Kahur is Head of the Budgeting and Contracting Unit within the Department of Health Care in Estonian Health Insurance Fund in Tallinn, Estonia. She has a Masters of Public Health. Kristiina has experience of working in casemix related issues including the implementation, maintenance and development the NordDRG system in Estonia. She is member of the Nordic Casemix Center's expert network and Executive Committee of PSCI. She lectures health economics and management to undergraduate students at the Department of Public Health in University of Tartu (Estonia).

Céu Mateus is assistant professor of Health Economics at the National School of Public Health at University Nova of Lisbon. She worked for the Institute of Management and IT (Ministry of Health) in the Department of Information Systems Development from 1995 until 2000, where she was the Executive responsible for the Financing System/Classification System in Diagnoses Related Groups. She worked in the development and improvement of the funding model for NHS hospitals in what concerns inpatient care and, at the same time, was a member of the team that was being developing a capitation model for resource allocation in primary health care. She is currently undertaking studies of inequalities in the treatment in hospital care and variations in clinical practice. She was President of PCS International from 2002 until 2009.

Jugna Shah is CEO of a research and consulting firm dedicated to the evaluation, development, and implementation of case mix payment systems for inpatient (DRGs) and for outpatient (APCs/APGs) both in the United States and throughout the world since 1996 . She has a Masters in Public Health Policy and Administration. She is used to provide training sessions on topics such as the basics of coding, collecting and analyzing data, grouping, creating relative weights, simulating budgets and payments She has a specific interest in designing country specific implementation plans that take culture, politics, economics, and infrastructure into consideration. Recently she has been involved in implementation of Casemix Systems in in Eastern Europe, Turkey and Moldova. Jugna Shah is also the Secretary of PCS International.

Jacob Hofdijk is a Dutch health economist. He started his career in healthcare in 1974 with HISCOM to develop integrated hospital information systems. In 1979 he became projectleader of the Dutch DRG test project, which proved the ability to implement the DRG system within the Dutch health care system. It took however until 1994 before the Casemix approach was actively adopted in the Netherlands. Jacob has been involved in different roles in the development and implementation of the DBC system, which is the only Casemix tool which deals with health problem of the patient. He has been actively involved in the application of the DBC concept for chronic care both for the major diseases as for rare diseases. He is adviser to the ministry of health since 2003. He is partner in Casemix, a information based consultancy firm, one of the founders and emeritus secretary of PCSI and Vice President IMIA of EFMI.

Jiro Okochi

Born in Chiba, Japan, Dr. Jiro Okochi is currently a director of Tatsumanosato Geriatric Health Services Facilities in Osaka, Japan. He received M.D. from Tsukuba Medical School in 1990 and obtained PhD in Medicine from University of Occupational and Environmental Health (UOEH) in 2004. He was an associate at UOEH from 2001 to 2005 and was an associate professor at Kyushu University from 2005 to 2006. He is also a board approved Neurologist and internal Medicine since 1995 and have worked as a clinician at Tsukuba University Hospital, Tokyo Metropolitan General Hospital and Kyushu University Hospital. He joined Ministry of Health to develop a case-mix classification for the long-term nursing care insurance in Japan from 2000-2001.

His main interest is in geriatric health care and has been working intensely on developing and improving elderly care system with a multi-disciplinary team. He has been conducting a large scale longitudinal cohort study on functional deterioration in elderly in two Japanese municipalities since 1996. He has also developed ICF illustration library www.icfillustration.com and ICF based case-management system at Japanese Association of Geriatric Health Facilities as a research director of case-management system. He has been a PCSI EC member since 2006. He is also a WHO Family of International Classification member since 2010.

Karl P Pfeiffer is Univ.-Prof for Biostatistics, Informatics, Health Economics and Documentation at the Innsbruck medical university Austria. He is chairman of the Austrian e-Health initiative and project manager of the Austrian hospital financing system. He is leading researches on biostatistics, classification and non parametric statistical methods. He is Co-editor of *Methods of Information in Medicine*, *Biometrical Journal*, *eHealthCOM*.

Jean Marie Rodrigues is Professor of Public Health and Medical Informatics in Saint Etienne Medical School France. He has worked extensively on the health information system and specifically on Case mix and medical terminology in France and in several European and non European Countries .

He was during five years (1982-1986) DRG project director in the French Department Of Health (DOH) and later on (1988-1994) strategic adviser for the healthcare national Smart Card project. He is presently head of the medical informatics department of Saint Etienne University Hospital in charge of DRGs, ICD 10 and procedures management. He has been involved in several European projects on Case mix, Health services research and the EU GALEN Clinical terminology programs. He is presently the editor in charge of maintaining 3 European (CEN) and international (ISO) standards including one on surgical procedures coding systems.

He is presently involved in several EU projects on semantic interoperability (Semantichhealthnet and Salus following the roadmap SemanticHEALTH). He is advisor to the WHO Department of terminology since 2004 and involved in the Health Informatics and Modelling Topic Advisory Group (HIM TAG) of ICD 11 revision as well as in the Joint Advisory Group(JAG) for the harmonisation between WHO Classifications and SNOMED CT IHTSDO terminologies.

He is Emeritus President of PCS International.

Olafr Steinum is a trained physician, specialist in Infectious Diseases and Internal Medicine, and has worked as a senior clinician at the Department of Infectious Diseases, Uddevalla Hospital, Sweden for 20 years till his retirement in 2009. He has been active in the development of case-mix and classifications in Scandinavia since mid-90s. He has created the curriculum and given education for Clinical Coders in Sweden and Norway since 2000, and also participated in several clinical coding auditing projects. From 2002 he is Advisor to the Swedish Board of Health and Welfare on coding and classification matters and from 2004 Nordic consultant and delegate to the WHO-FIC network. At present he is a member of the WHO Update and Revision Committee. He has been a member of the PCSI network since 1994.

Marti Virtanen MD. Director of the Nordic Casemix Centre.

How to reach Tallinn, Estonia and where to stay

For information on facts about Estonia and its capital Tallinn, the weather conditions, how to get to Tallinn etc see the following link <http://www.visitestonia.com/en/>.

For visa and other travel documents required to enter Estonia, see the following link http://europa.eu/travel/doc/index_en.htm

You are responsible for arranging and covering the cost of travel to and from the School.

Venue

The Summer School will take place in Tallinn, Estonia, at the Meriton Old Town Garden Hotel <http://www.meritonhotels.com/tallinn-oldtown-garden-hotel/>

Accommodation

You are responsible for arranging and covering the cost of your accommodation during the School. A block of hotel rooms is reserved for School students at the *Meriton Old Town Garden Hotel* <http://www.meritonhotels.com/tallinn-oldtown-garden-hotel/> and at the *Meriton Old Town Hotel* http://www.meritonhotels.com/oldtown_hotell/ (5 min walk from the Meriton Old Town Garden Hotel).

The rates the hotels are offering are as follows:

Rooms	Meriton Old Town Garden Hotel	Meriton Old Town Hotel
Economy	€45	
Standard	€67	€75
Bella Garden	€95	

All rooms are equipped with WC/shower, SAT-TV and phone. Room rate includes buffet breakfast and usage of aqua- and sauna center and gym 07:00-22:00 located in the *Meriton Grand Conference & Spa Hotel* (15 minute walk away, <http://www.meritonhotels.com/conference-spa-hotel-tallinn/>). All rooms are non-smoking.

This block of rooms is being held **until May 1 2012**. At that time any unsold rooms will be released. A hotel reservation code will be provided to you upon acceptance of your Summer School application. Should you wish to stay at the Meriton Old Town Garden or Meriton Old Town Hotel, you are responsible for contacting the hotel via e-mail reservations@meritonhotels.com and making a reservation. Payment is the responsibility of each student and is to be made directly by the student to the hotel.

If you wish to explore alternatives to the Meriton Old Town Garden Hotel and Meriton Old Town Hotel, the following website may be useful <http://www.trivago.com/>

THE 2012 INTERNATIONAL CASEMIX SUMMER SCHOOL

Tallinn, Estonia, 11th -15th June 2012

Meriton Old Town Garden Hotel



REGISTRATION FORM

(please type or use block letter)

Surname :				Name :	
Institute :					
Address :					
Zip :		City :		Prov. /State :	
Country :					
Tel :		Fax :		Email :	
Until 14th May :		<input type="checkbox"/> 1 500 €Regular		From 15th May :	
				<input type="checkbox"/> 1 700 €Regular	
Until 14th May :		<input type="checkbox"/> 1 000 €Student		From 15th May :	
				<input type="checkbox"/> 1 200 €Student	
Mean of payment :		<input type="checkbox"/> non transferable cheque payable to PCS/I			
		<input type="checkbox"/> ASS PATIENT CS/E Faculté de Médecine 15 rue Ambroise Paré 42000 St Etienne France Crédit Agricole de Saint Etienne Fauriel - France France : 14506 00023 07780400000 95 Foreign IBAN : FR76 1450 6000 2307 7804 0000 095 - BIC : AGRIFRPP845			
Association PCS/International CHU Saint Etienne - Hôpital Nord SSPIM – Bâtiment CIM 42 Chemin de la Marandière 42055 Saint Etienne cedex 2 France Tel : +33 (0) 4 77 12 79 74 Fax : +33 (0) 4 77 12 72 60 Email : sspim.secretariat@chu-st-etienne.fr					

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**Patient Classification Systems
 International**

<http://www.pcsinternational.org>

THE 2012 INTERNATIONAL CASEMIX SUMMER SCHOOL INTERNATIONAL



Tallinn, 11th – 15th June 2012, Estonia

FUNDING REQUEST FORM

Identification					
Surname		Name			
Affiliation					
Address					
ZIP code		City			
Country					
Phone:		Fax		Email:	

Item	Estimated Costs (euros)	Requested Funding (euros)
Travelling		
Hotel		
Registration		
Total		

In no more than 200 words explain why it would be important for your work to attend the Casemix Summer School in Talinn in 2012

Please send this form to President PCSI Mr Poul Erik Hansen – peh@im.dk