get better!
the pursuit of better health and better healthcare design
at lower costs per capita

33rd UIA/PHG International Seminar on Public Healthcare Facilities
Toronto, Canada. September 24-28, 2013
Proceedings
edited by Romano Del Nord

Conference organized by:
UIA/PHG International Union of Architects / Public Health Group
IIDEX Canada
National Design + Architecture Expo and Conference

Published by
TESIS Inter-University Research Centre
Systems and Technologies
for Social and Health Architecture
University of Florence
get better!
the pursuit of better health and better healthcare design
at lower costs per capita

33rd UIA/PHG International Seminar on Public Healthcare Facilities
Toronto, Canada. September 24-28, 2013

Proceedings
edited by Romano Del Nord

Conference organized by:

UIA/PHG International Union of Architects / Public Health Group

IDEX Canada
National Design + Architecture Expo and Conference

Published by
TESIS Inter-University Research Centre
Systems and Technologies for Social and Healthcare Facilities
University of Florence
Scientific Editor:
Prof. Romano Del Nord
Director of TESIS Inter-University Research Centre
University of Florence

Session introductions (pp. 23, 111, 221, 299) and volume layout:
Francesca Nesi
Arch. PhD
University of Florence

Proofreading:
Rebecca Milner

Published by

TESIS Inter-University Research Centre "Systems and Technologies for Social and Healthcare Facilities"

Department of Architecture DIDA
University of Florence

Via San Niccolo 93
info@tesis.unifi.it
+39 055 275 5348
Florence 50125
Italy

First Print 2014

The editors of the volume wish to thank Cliff Harvey as the Canada contact and for coordination, Vivian Lo for her support in collecting the papers and reports from the authors, and Tracy Bowie, the Vice President of IIDEXCanada, Canada’s National Design + Architecture Expo & Conference, for acting as the representative in the organization of the conference in Toronto.

Cover photograph by Romano Del Nord, Peter Gilgan Centre for Research and Learning in Toronto designed by Diamond Schmitt Architects. Background image courtesy of Perkins Eastman Black/IBI Group Architects in joint venture, Women’s College Hospital in Toronto, ON.

Copyright © TESIS Inter-University Research Centre "Systems and Technologies for Social and Healthcare Facilities", University of Florence, Italy. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher.
Index

Foreword
Cliff Harvey

Foreword to the UIA PHG Proceedings, Toronto, 2013
Warren Kerr

Facilities for Research and Training as an Added Value of the Hospital of Excellence: the Peter Gilgan Centre for Research and Learning in Toronto
Romano Del Nord

Planning, Design and Construction Improvement Process
Session introduction

Master Plans and Target Planning to Avoid Wrong Investments in Healthcare
Uwe Eggert, Gabriele Eggert-Muff, Albrecht Meyer

Planning and Procuring Today’s Hospitals for Tomorrow’s Needs
Phil Nedin, Katie Wood

Designing For Better Healthcare – The Singapore Perspective
Ruby Lai

Research-Based Design: Practice – Options – Value
Cliff Harvey, Ron Smith

Planning Solutions by Design: Reuniting Healthcare Programming and Design
Noah Epstein, Mark Patterson
Environmental Quality: Comfort, Humanization, Evidence-Based Design
Session introduction

Designed to Thrive Creating Salutogenic Environments
Tye Farrow

Healing Gardens and Landscapes: From Big Ideas to Eye Sparkling Detail
Virginia Burt

The New Nanaimo ED Designated to Be an “Environment That Staff Would Want to Come to on Their Day Off”
Raymond Pradinuk, Suzanne Fox, Bruce Raber

The Care Environment in Emergency Departments with Growing Requirements
Hans Eggen

Vasconi Architects – A French Experience in Healthcare Design
Thomas Walter Schinko

Drafting Meets Doctoring: An Architect’s View of Health Design as Resident Physician
Diana Anderson

Hospital Design in Tropical Malaysia Towards a Green Agenda
Norwina Mohd Nawawi, Abdul Razak Sapian, Noor Hanita Abdul Majid, Srazali Aripin

13-Hour Difference: Lessons Learned From the China - US Joint Design Studio
Hepi Wachter, Zhipeng Lu, Ying Zhou, George Mann

Collective Intelligence: The Impact of Health Predictors
Susan Black
This volume contains contributions from authors who participated in the 33rd UIA - PHG International Seminar on Public Healthcare Facilities, Toronto, Canada, September 24-28, 2013, entitled “get better! the pursuit of better health and better healthcare design at lower costs per capita.”

The collection aims to raise awareness and document the experiences of members of the Public Health Group also beyond the scope of the conference. The articles are the result of different types of experiences developed in healthcare planning and design; scientific research, professional activities and research applications. The articles are intentionally represented in an iconographical manner and, using clear and direct language, provide consistency to the extremely complex experiences and highlight the continuous pursuit of quality in the production of architectural solutions.


