

Antonia S. Stang, MDCM, MBA, MSc

Assistant Professor, Division of Emergency Medicine, Departments of Pediatrics and Community Health Sciences

RESEARCH INTERESTS AND ACTIVITIES

Key Words: pediatrics, emergency medicine, quality improvement, patient safety, health services research

Dr Stang's research interests are in pediatric health services. Her current work is focused on improving the quality of emergency department care for children through the development of quality indicators. She is also interested in optimizing child health outcomes through the use of best evidence and improving emergency department safety, wait times and efficiency.

RESEARCH IN PROGRESS

<u>ROLE</u>	<u>FUNDING AGENCY</u>	<u>TITLE OF PROJECT</u>	<u>2011/11 ALLOCATION</u>
Principal Investigator	Canadian Institutes of Health Research	<i>The development of quality indicators for high acuity pediatric conditions requiring emergency department care</i>	65,003
	Alberta Innovates – Health Solutions	<i>A systematic review of quality indicators in children's acute pain: Towards optimizing practice</i>	14,726
	University of Calgary Seed Grant	<i>Quality indicators: Measuring the impact of crowding and wait times on the quality of pediatric emergency department care</i>	15,000
	Alberta Children's Hospital Foundation	<i>The impact of process redesign on the time to steroid administration in a pediatric emergency department</i>	ongoing
Co-Investigator	Alberta Children's Hospital Foundation	<i>Managing fever in children - A Cochrane collaboration systematic review</i>	ongoing
	Canadian Institutes of Health Research	<i>The implementation and evaluation of an alberta childhood asthma clinical pathway</i>	ongoing
	Canadian Association of Emergency Physicians	<i>Different corticosteroid dosing strategies at discharge for acute asthma-A Cochrane collaboration systematic review</i>	5,000
	Canadian Institutes of Health Research	<i>An interdisciplinary collaboration to explore quality indicators in pediatric orthopaedics</i>	14,360

PUBLICATIONS

Abstract Published in Journal

Stang AS, Guttman A, Straus S, Johnson D. The development of quality indicators for high acuity pediatric conditions requiring emergency department care. *Canadian Journal of Emergency Medicine* 2011;13(3).

Abstract Published on Conference Website

Stang AS, Guttman A., Straus S, Johnson D. The development of quality indicators for high acuity pediatric conditions requiring emergency department care. *Denver PAS 2011: Pediatric Academic Societies Program Guide*. Vancouver, British Columbia, May 2011.

GRADUATE STUDENT SUPERVISION

Tiffany Wong, MD, Resident Research Project, Department of Pediatrics (Co-Supervisor)
Thesis Topic: Managing fever in children-A Cochrane collaboration systematic review

Kristen Johnson, MD, Pediatric Emergency Medicine Fellow Research Project, Department of Pediatrics
Thesis Topic: Different corticosteroid dosing strategies at discharge for acute asthma-A Cochrane collaboration systematic review