Person responsible (Chair / Principal Investigator): Dr. Anthony Chan

Design: Online Survey

Aim/Objective/Rationale (Needs assessment / Reason)

1) To understand/evaluate current practice in paediatric DIC among paediatric intensivists, neonatologists, haematologists, emergentologists, and other pediatric physicians.

2) To address age-specific issues in DIC management (eg laboratory age-specific reference ranges in relation to the DIC scoring system)

Methodology (Data expected to collect, sample size and statistical analysis):

The respondents will constitute a convenience sample of physicians who are members of national and international pediatric professional societies. The survey will be voluntary, and participation implies consent. Descriptive statistics will be calculated. The statistical analysis includes examining the data for correctness and completeness. The analysis of frequency distribution and descriptive responses will be performed using STATA 14 or Excel. Qualitative data will also be reported. This research project does not involve any experimental drugs or devices or other form of clinical trials intervention. The data will be anonymized.

Study population (Inclusion, exclusion, eligibility) (patient population; recruitment of participating institutions/physicians and subjects; minimum number needed; expected number):

General paediatricians, Paediatric intensivists, Neonatologists, Pediatric Haematologists, Pediatric Emergentologists

Expected timeline:

- Project stage/set up: The project is coordinated by McMaster University (Canada) and the University of Melbourne (Australia)
- Launch: October 1, 2015
- Duration: 1 year
- Finalization/analysis: Data collection will end on September 15, 2016. Analysis will occur in October and November 2016. Finalization on December 1, 2016.
- Reporting: Tier 1 journal publication

Expected outcomes (ie. publications):
SSC Subcommittee Project/Collaborative Project

- Publication type (SSC Communication, Guidance document or original article): Original article, and practice guideline.

- Description of project set-up and management, needed infrastructure and resources (summary): The investigators will perform the analysis so no biostatistical support will be required.

- References:


