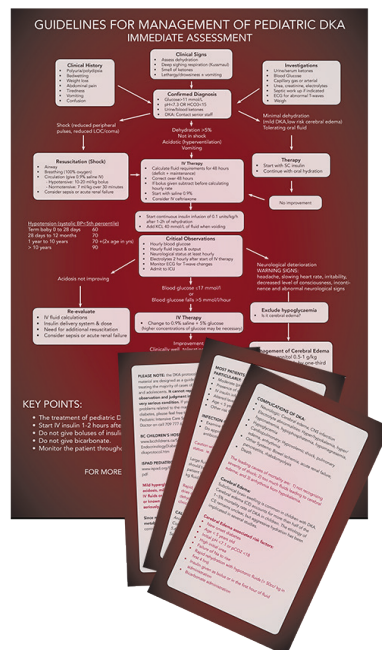


## DKA MANAGEMENT GUIDELINES

Pediatric DKA guidelines are different than adult DKA guidelines.

Pediatric DKA is a life-threatening condition that can occur in children and teens with type 1 or type 2 diabetes. The management in pediatrics differs than that for adults, largely because children can develop a complication called cerebral edema.

As part of the NLdkaP, new guidelines were produced by specialists at the Janeway Child Health Care Centre that include a clinical protocol as a poster, a binder with the latest information, and clinical pearls for emergency room crash carts. These DKA management toolkits will be made available to all emergency rooms across NL.



## Janeway Pediatric Research Unit

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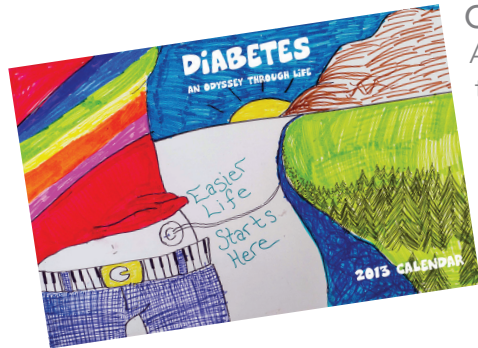


# NEWFOUNDLAND AND LABRADOR DKA PROJECT (NLdkaP) 2013

# DKA PREVENTION CAMPAIGN

## POSTERS:

As a way of informing health care professionals, educators and the general public about the signs and symptoms of diabetes in children, a poster campaign was undertaken which involved sending posters to all family doctors' offices, public health offices, pharmacies and schools. Early detection of T1DM has been shown to reduce episodes of DKA.

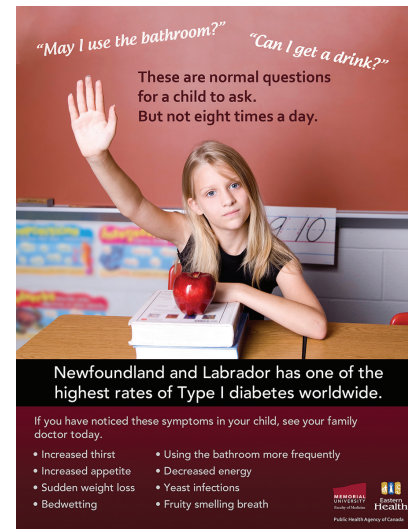
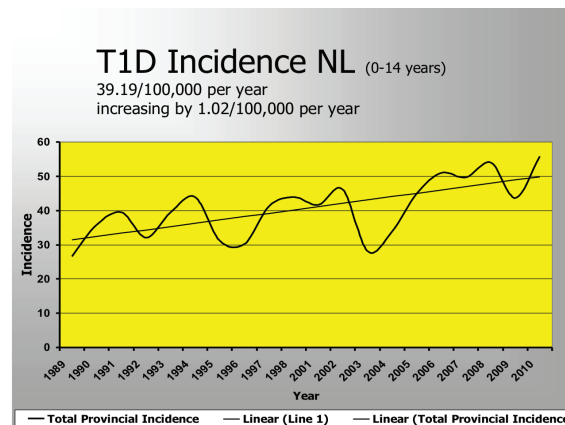


## CALENDERS:

As part of the DKA project, two of the JPRU research assistants went to the Canadian Diabetes Association Camp Douwanna in July 2012. Activities with the camp participants included education and DKA prevention. Artwork was produced by the children and teens that was then used to develop a calendar. The beautiful artwork was displayed in the calendar, along with diabetes educational tips of the month. The calendar has been distributed to families and health care professionals across NL.

## RESEARCH:

As part of the NLdkaP research studies have been presented at local and national conferences and submitted for publication. One project was a qualitative study focusing on the needs of families dealing with childhood diabetes, and the second was a review of all cases admitted to the Janeway Hospital from 2008-2011. Ongoing research will look at whether the number of admissions of DKA changes (hopefully decrease) after the project is completed.



# DKA PREVENTION TOOLKITS



INNOVATIVE NEW TOOL FOR FAMILIES  
WITH DIABETES.

## HEALTH CARE PROFESSIONAL TRAINING