

CIC 2014 CCI

December 2-4
2 - 4 décembre
OTTAWA

Canadian Immunization Conference
Conférence canadienne sur l'immunisation

Challenges in current vaccines

Dr Scott Halperin, Canadian Centre for Vaccinology, Dalhousie University

Dr. Allison McGeer, Mount Sinai Hospital, University of Toronto

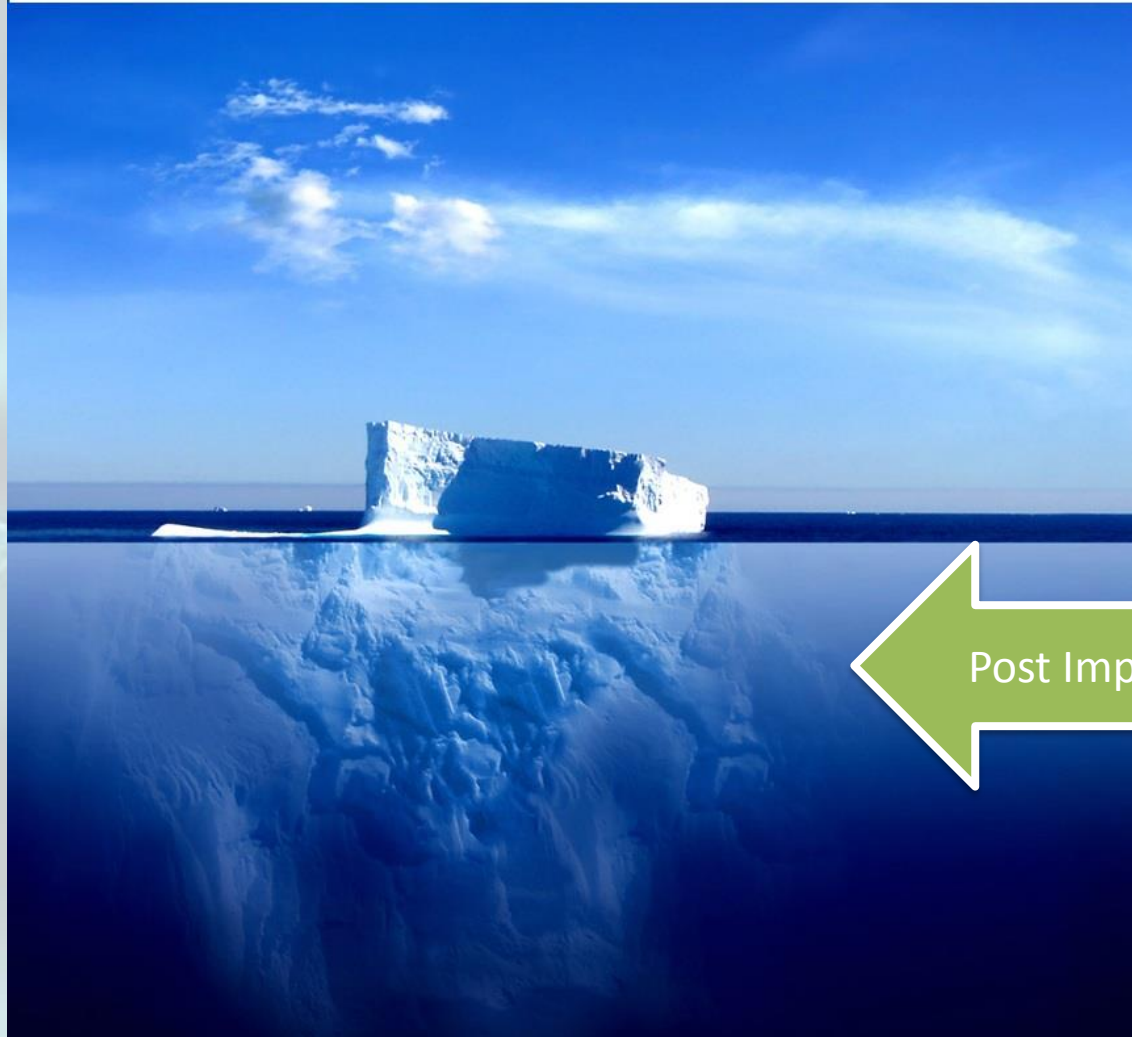
Dr. Shelley Deeks, Public Health Ontario, University of Toronto

Chair: Dr Anne Pham-Huy, Children's Hospital of Eastern Ontario,
University of Ottawa

Evolving landscape



Challenges in current vaccines



Post Implementation

Case 1



- A father brings his 10 and 12 year old children for check up.
- They are otherwise healthy.
- The father has just returned from a trip to California to attend the funeral of his 6 week old niece who sadly passed away from pertussis.
- His sister says: “There is an epidemic of Whooping cough”! and urged him to get his sons vaccinated.
- Both kids had received the acellular pertussis vaccine as part of their routine immunization at the age of 4, prior to school entry.
- What would you recommend?

Case 2

- A healthy 68 year old woman, grandmother of 8 (aged 6 months to 12 years) presents for her annual checkup.
- Her 18 month old grandson was recently admitted for a pneumonia. He was really sick and required prolonged IV antibiotics.
- She asks if she would be at risk for pneumonia, as she is often babysitting the grandchildren.
- She has heard of a “pneumonia vaccine” but her daughter told her that since all the kids are now immunized, she would probably not need to get the vaccine.
- What would you tell her?

Case 3

- A mother brings her 5 month old twin boys.
- Both twins received the 1st dose of rotavirus vaccine (Rotarix[®]) as per routine schedule.
- Twin A developed intussusception at the age of 4 months.
- The mother subsequently held the 2nd dose of the vaccine for both children.
- What would you recommend?

Transparency



Expert

An expert is someone with some experience through extensive knowledge called in for advice