

# CAPHC-CPDSN 2007 Special Project: Childhood Asthma ALOS Variation Results

**Leah Boon, National Coordinator, CAPHC-CPDSN  
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# Our Network of Collaborators

- **Scott MacRae, BCCH**
- **Donna Scheuerman, Stollery Children's Hospital**
- **Barbara Fisher, CHEO**
- **Dr. Tom Kovesi, CHEO**
- **Dr. Francine Ducharme, Montreal Childrens**
- **Dr. Carina Majaesic, Stollery Children's Hospital**
- **Dr. David Johnson, Alberta Children's**
- **Dr. Jackie Halton, CHEO**
- **CPDSN Steering Committee & former National Coordinator, Lisa Gordon**
- **Health Records specialists, analysts, coders, and clinical staff from across all 16 centres**



Thank you...We couldn't have done it without you!



# Why Special Projects?

- Key activity of the CAPHC-CPDSN program
- Facilitate new opportunities for collaboration and benchmarking at local, regional and/or national levels
- Means for enhancing capacity by supporting “sub-specialties” within our Paediatric Community of Practice



# Asthma Special Project

## (Timelines and Activities)

Spring 07	Jan-Feb 08	Mar-Apr 08	May-June 08	August 08	Sept-Dec 08
<ul style="list-style-type: none"> <li>• Output from Annual Benchmarking Report 2004/05</li> <li>• Project focus and scope</li> <li>• Preliminary statistical analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Special Project Small Working Group for Template development</li> <li>• Statistical analysis on refined data</li> </ul>	<ul style="list-style-type: none"> <li>• Clinical Expert Group validation of template</li> <li>• Project Focus narrowed to ASTHMA</li> </ul>	<ul style="list-style-type: none"> <li>• Template Dissemination</li> <li>• Data gathering</li> <li>• Exposure to NICHE Research group Innovation (CP modeling, merging, unification)</li> </ul>	<ul style="list-style-type: none"> <li>• Data gathering (continued)</li> <li>• Exploring opportunity for synergy to increase value &amp; add impact</li> </ul>	<ul style="list-style-type: none"> <li>• Response Collation</li> <li>• Data Analysis &amp; Conclusions</li> <li>• Translating data into action to make a difference</li> </ul>

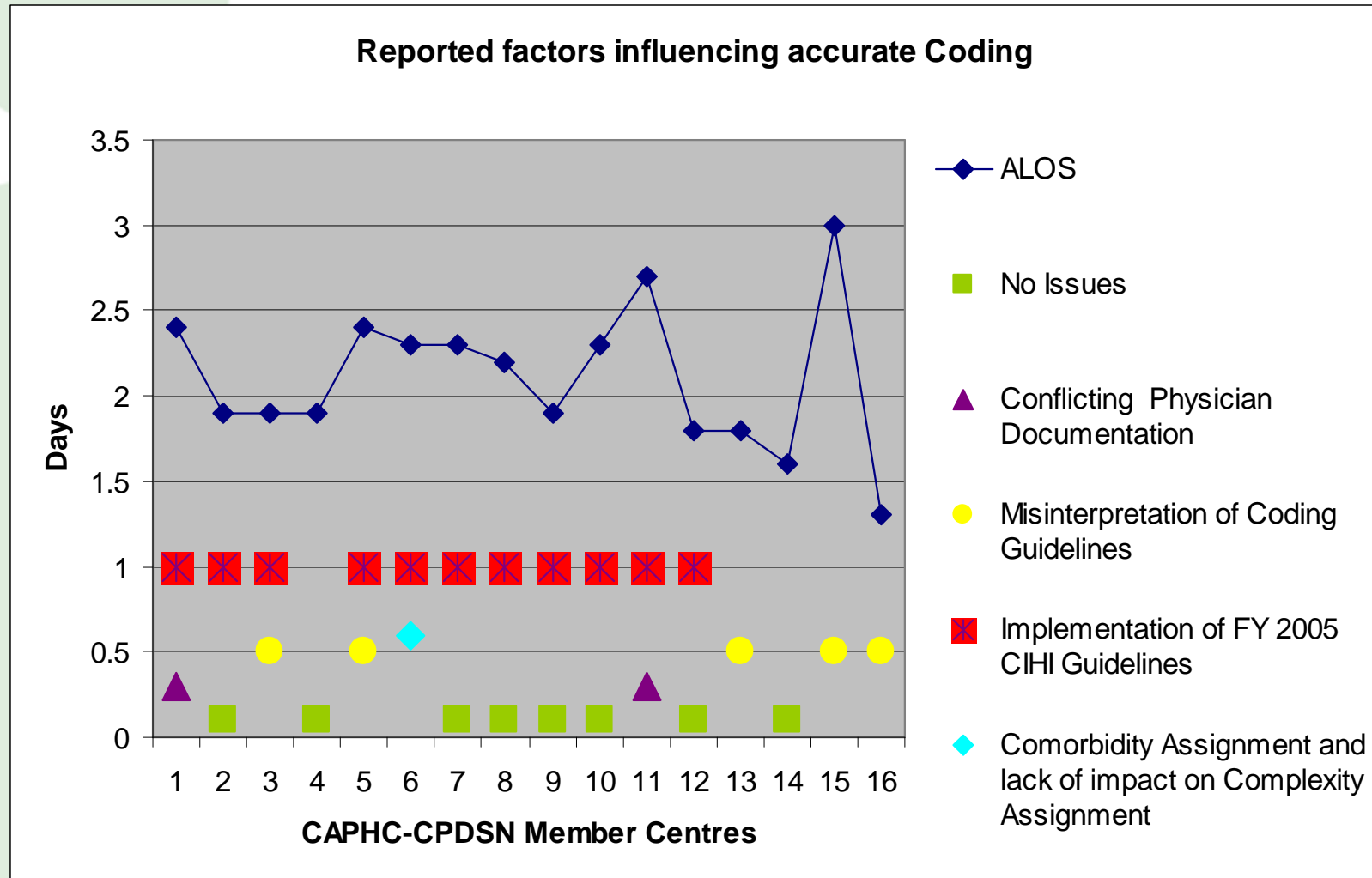
Lifting the fog.....



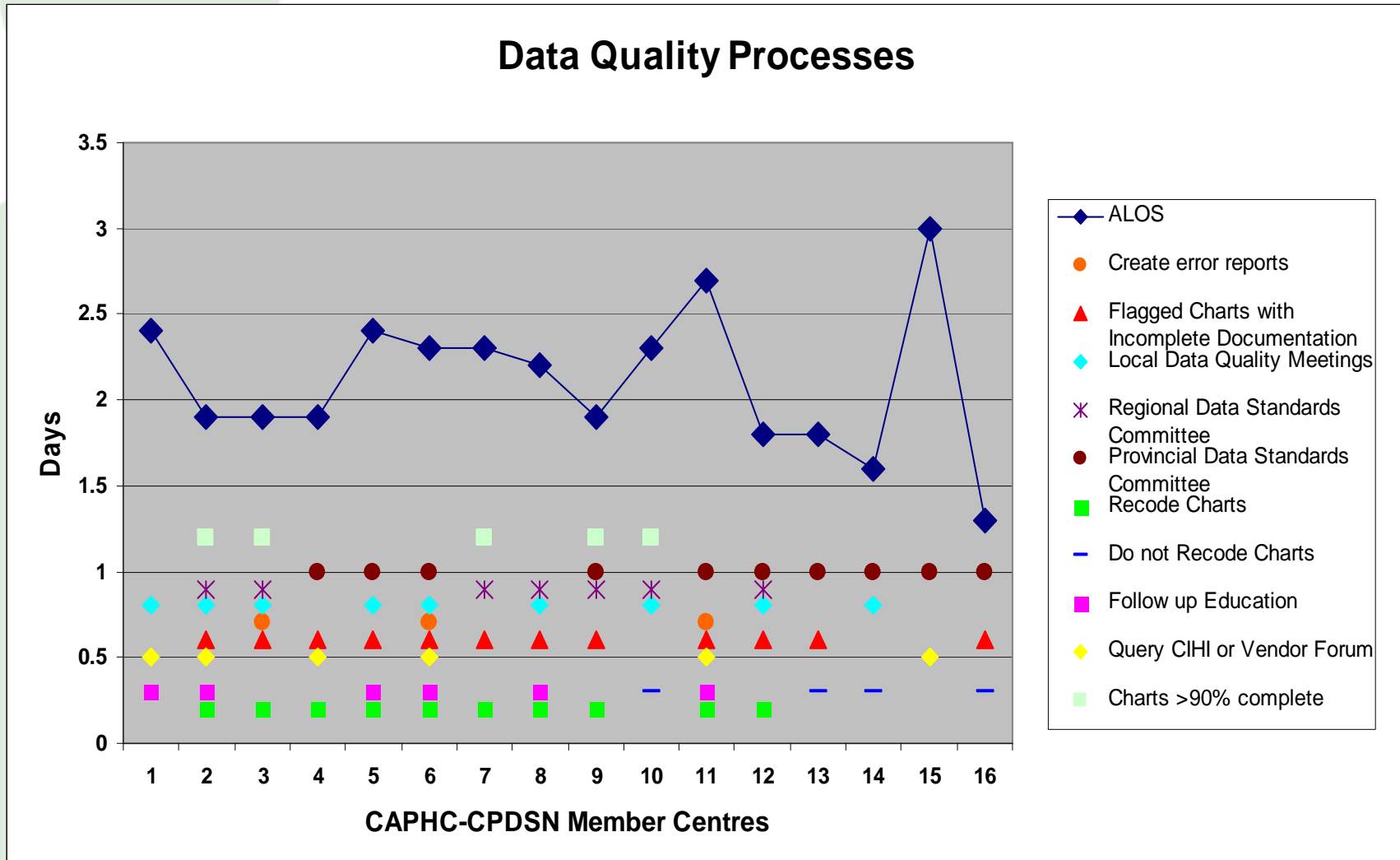
So what have we learned.....



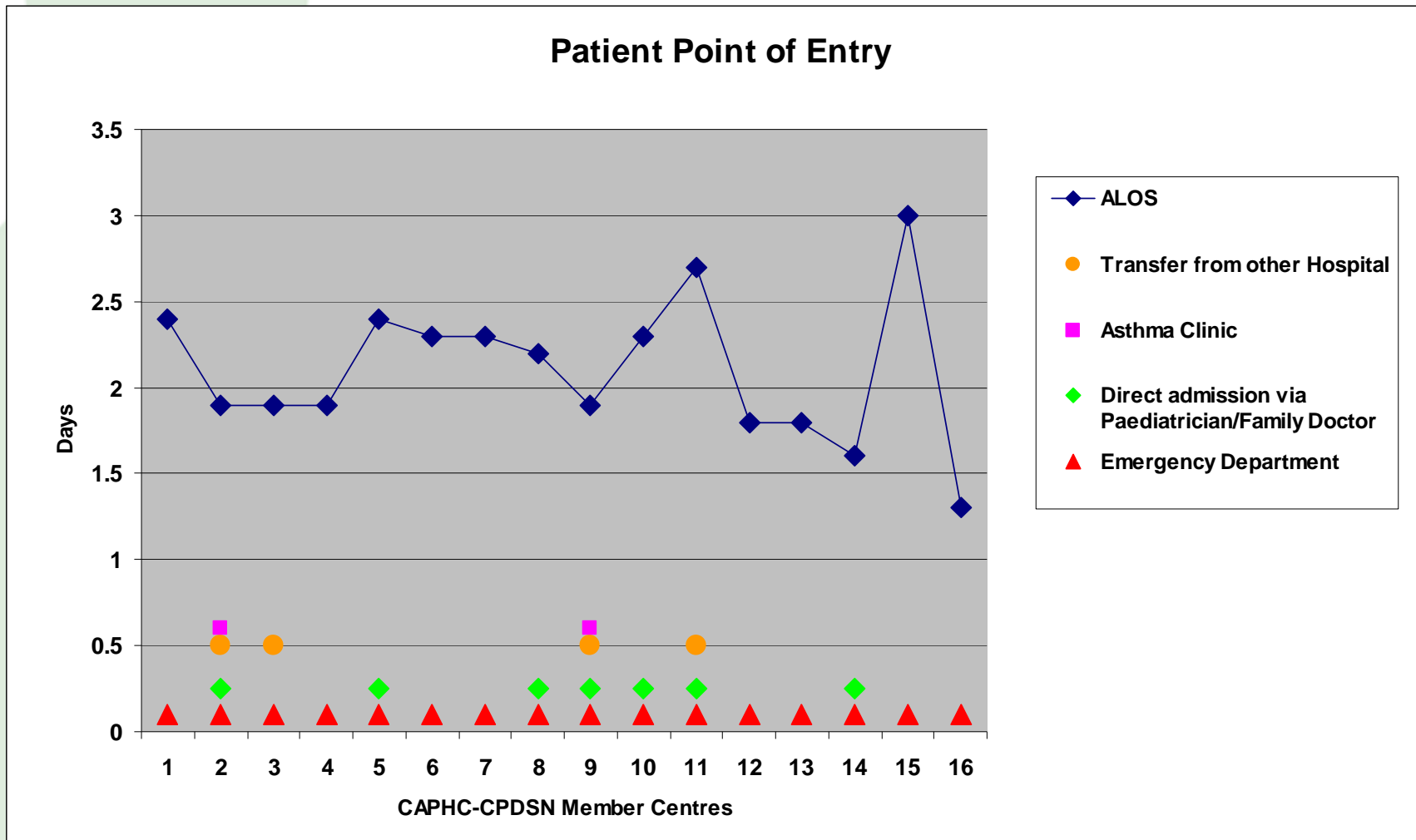
# Asthma ALOS Variation Special Project



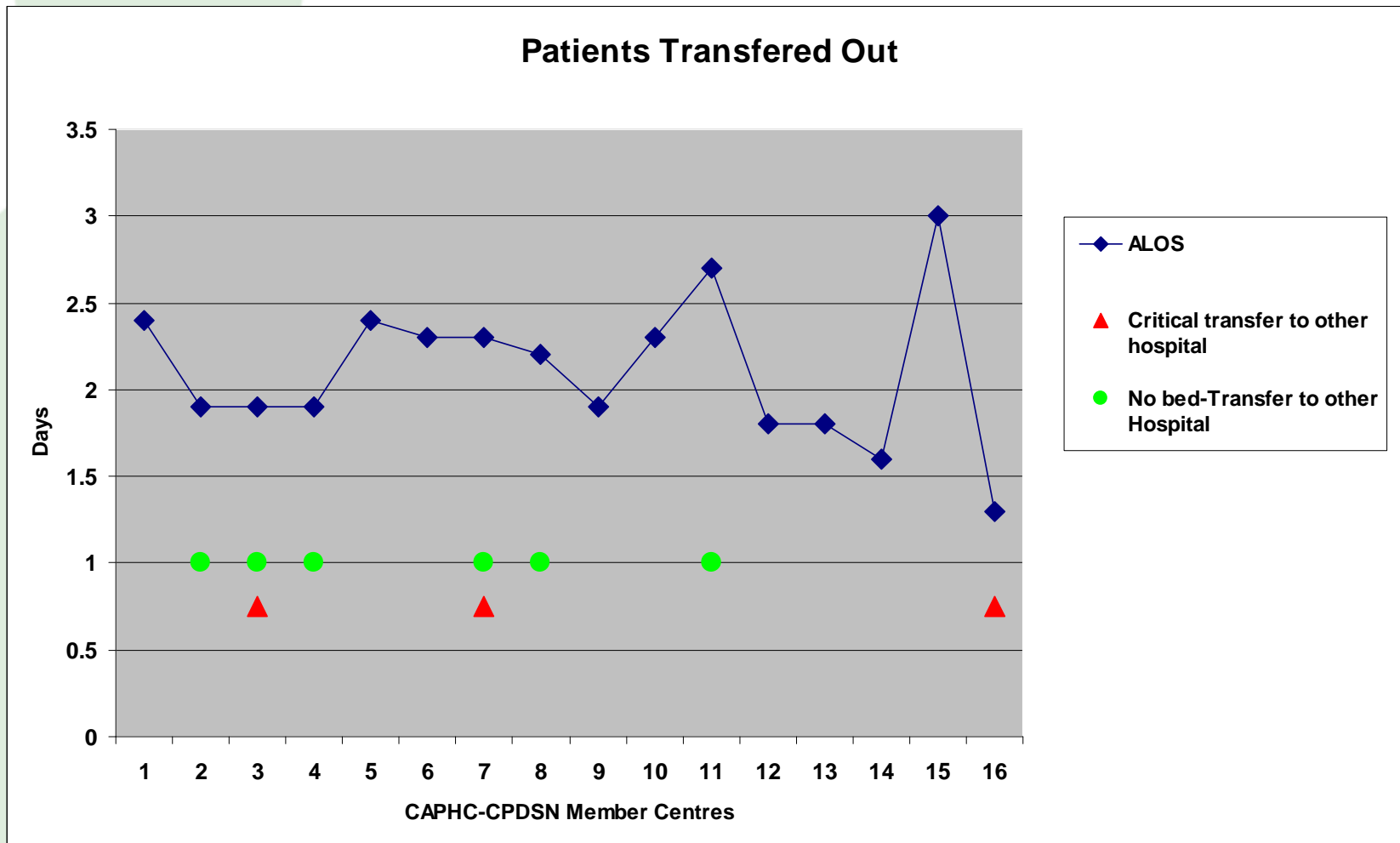
# Asthma ALOS Variation Special Project



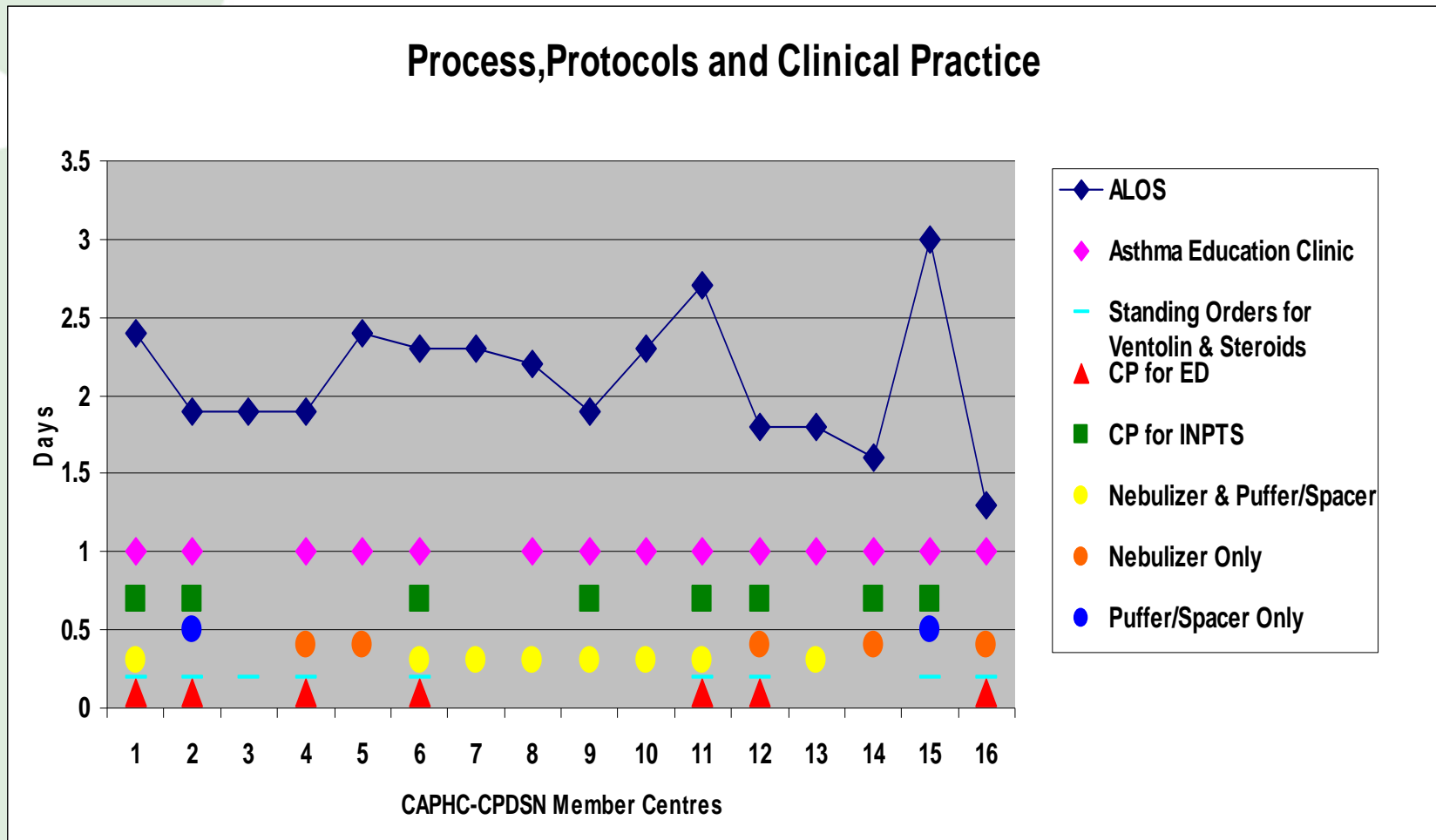
# Asthma ALOS Variation Special Project



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# Conclusions and Key Messages

- Data reflects 100% response rate N=16!
- Context
  - Coding & Documentation
  - Process, Protocol, Clinical Practice

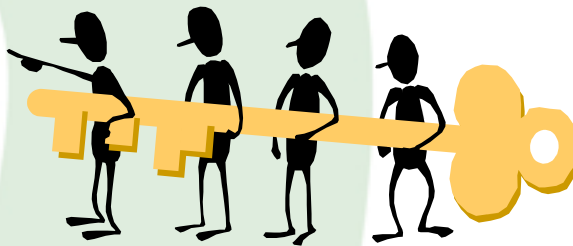
# Recommendations:

Drill down analysis of the 6 ED and 8 Inpatient Clinical Pathways:

- Select analysis methodology that is rigorous and reproducible
- Gain understand of similarities and differences between CPs
- Contextualize results of CP analysis in relation to ALOS data
- Share best practice model across membership

## Next Steps:

Innovation, Synergy & Impact



# Goals and Outcomes

- Improved data quality and standardization of coding and documentation practices
- Identification and sharing of national best practices and best processes of care for asthma patients
- Knowledge transfer and sharing of CAPHC-CPDSN expertise with ALL facilities that provide paediatric care in Canada
- Promote innovative partnerships that enhance our capacity to make a difference



# So on we go: The 'Art of the Possible' with Dr. Raza Abidi

