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Connecting the Dots ?

# Autoimmune Disease and Critical Illness

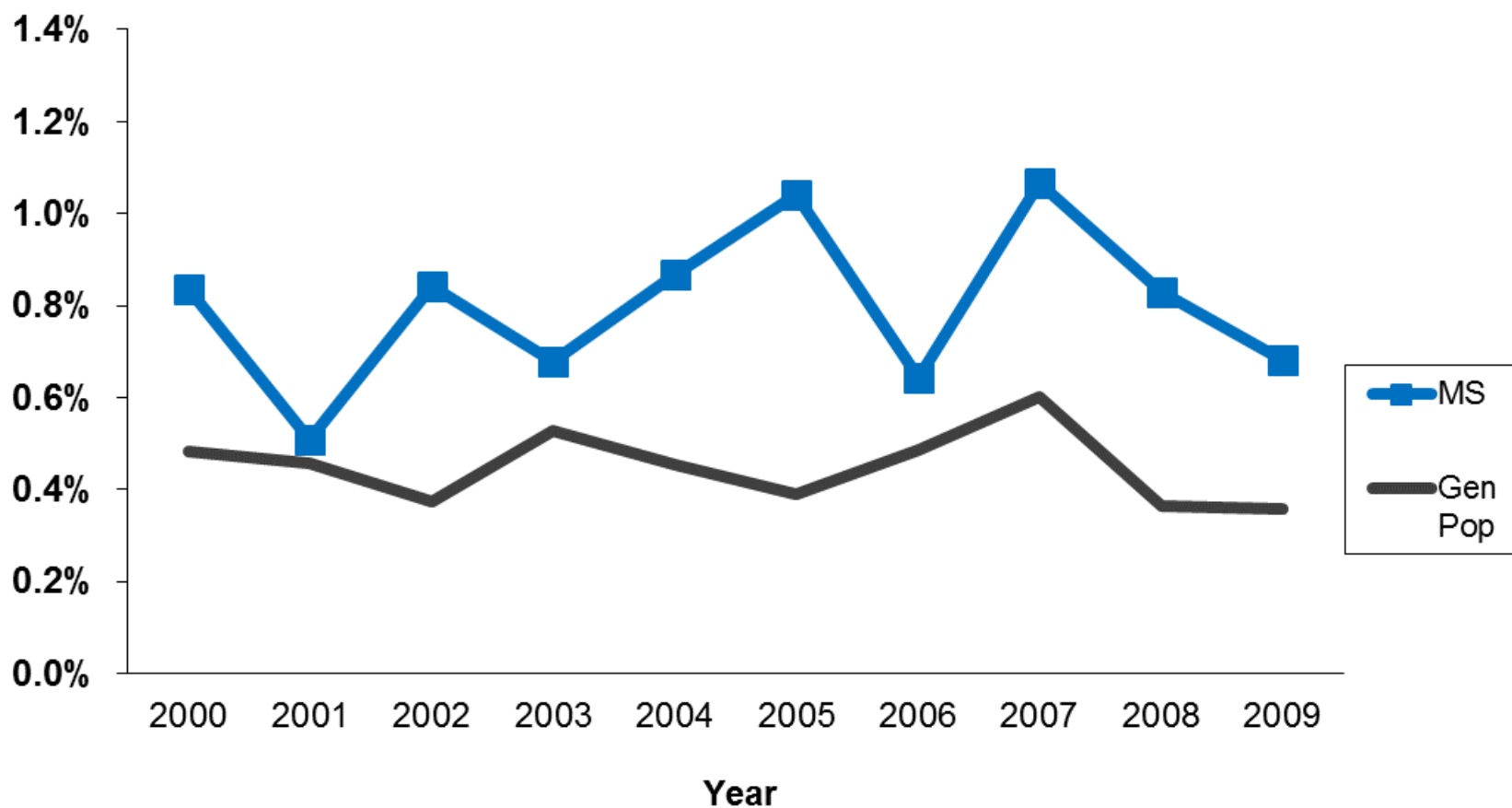
Randy Fransoo, PhD; MCHP & Community Health Sciences  
On behalf of Drs. **Marrie, Garland**, Bernstein, Peschken, Hitchon

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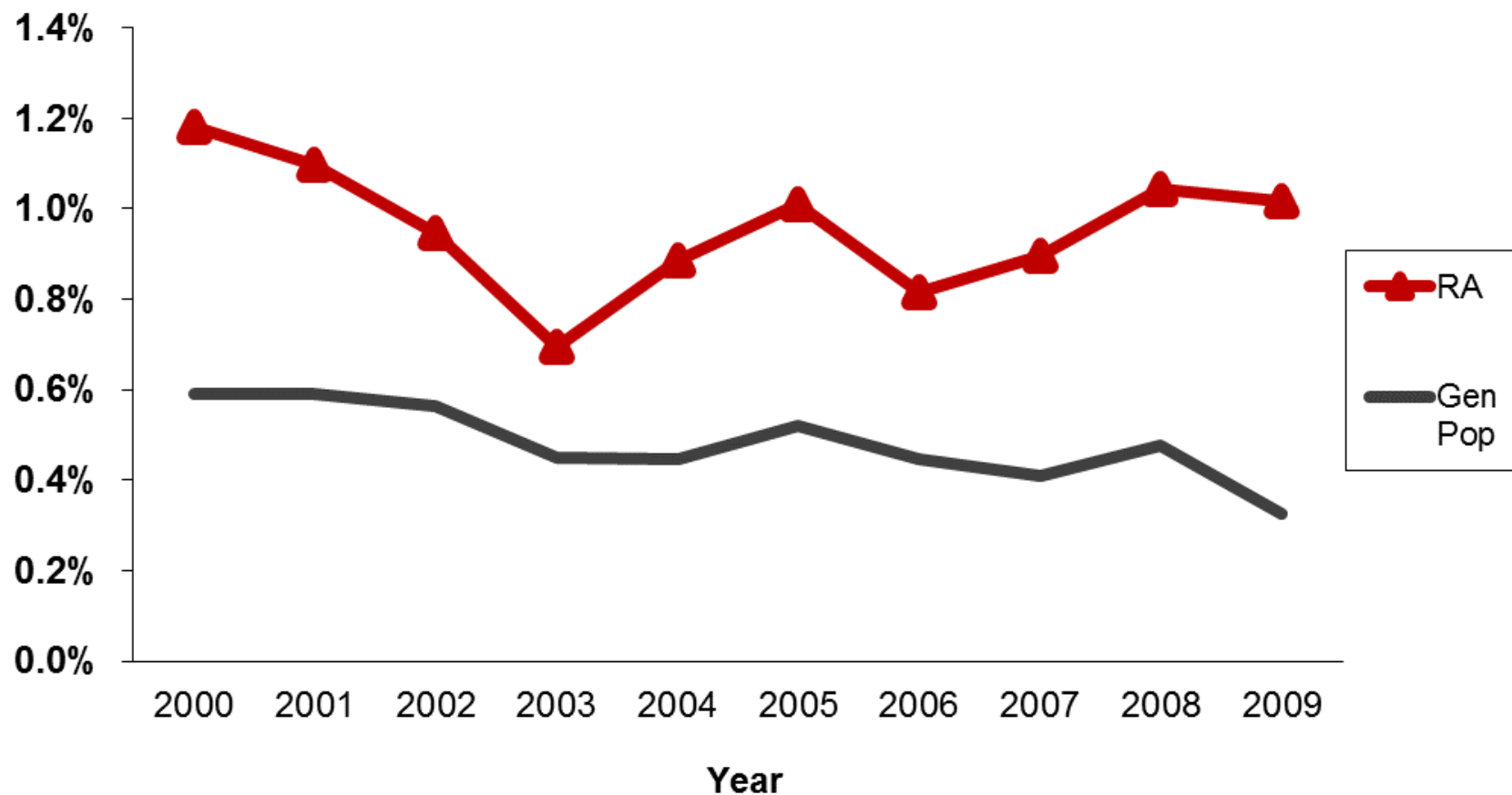


- Not much work on the interface between chronic disease & critical illness
    - For general population, about 0.5% admitted to ICU each year
  - Are patients with Multiple Sclerosis more likely to become critically ill (ie need ICU care) than others?
    - Nothing published
  - How about IBD? Rheumatoid Arthritis?
  - Might there be a common trend among autoimmune diseases?
  - If so, might this suggest some change to mgmt? (common or not)
  - We've got unique, powerful data system to answer that question
  - Key data resources:
    - 1) Validated case definitions for the immune diseases (MS, RA, IBD)
    - 2) Population-based data on ICU admissions
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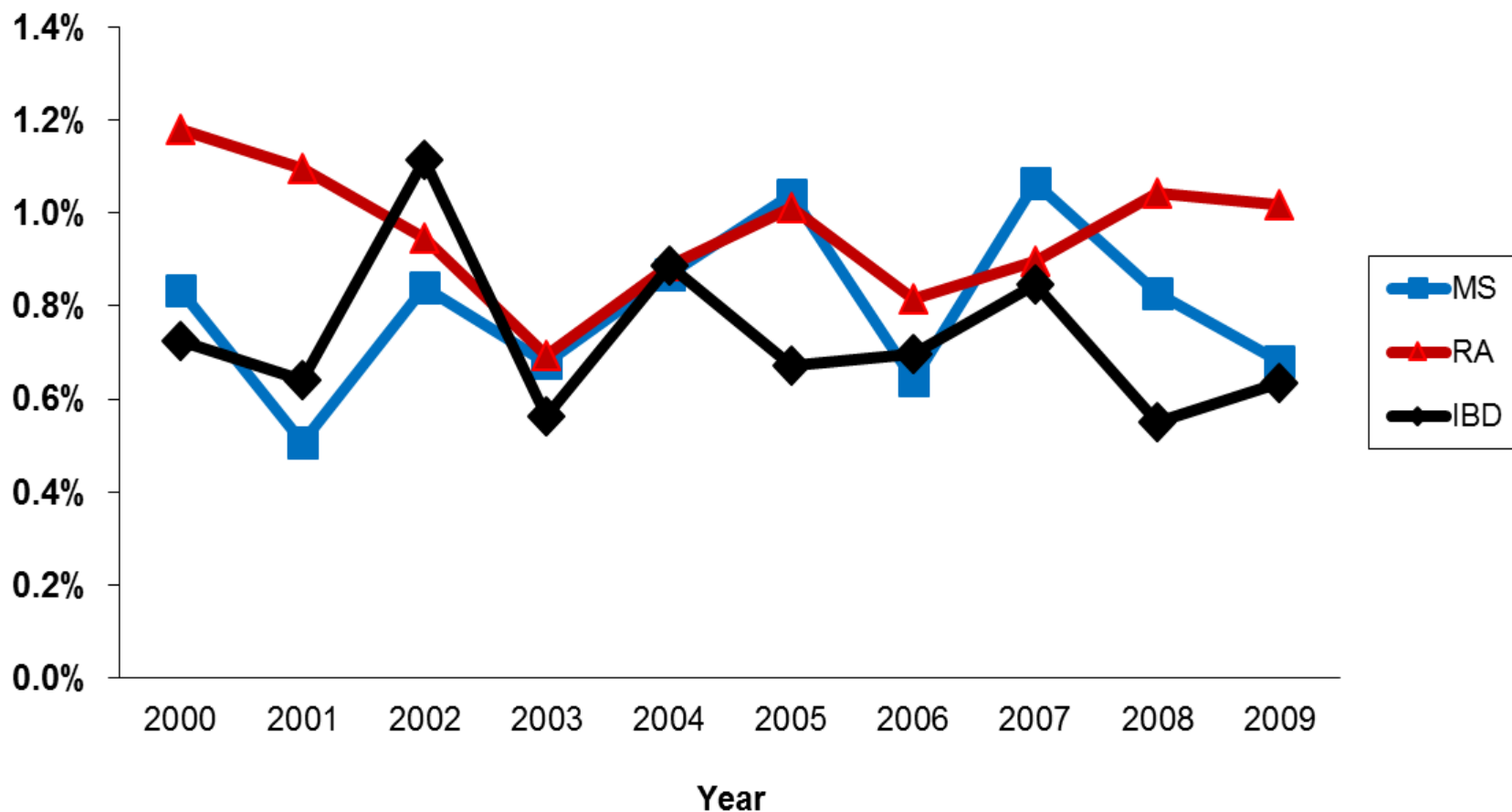
# Age-standardized incidence of ICU admission per 100 persons per year



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# Thank You / Questions



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