# SOUTHLAKE REGIONAL HEALTH CENTRE

# PROFILE OF INTERPROFESSIONAL RHEUMATOLOGY CARE IN CANADA: A NEEDS ASSESSMENT LEADS DEVELOPMENT OF AN INTERPROFESSIONAL PATIENT-CENTRED COLLABORATIVE (IPC) TRAINING PROGRAM

## BACKGROUND

- There is growing consensus that IPC practice improves patient care, access to surveymonkey.com © care, patient safety and patient satisfaction (Health Canada: www.hc-sc.gc.ca)
- TAP identified the need to develop a formalized training program to teach the TAP IPC model of care to health care professionals (HCPs)
- A needs assessment was required to determine the educational needs of HCPs in rheumatology in Canada

## **OBJECTIVES**

- To identify current educational needs for IPC practice across Canada
- To determine current and "dream" models of rheumatology care in Canada

### METHODS

- REB-approved cross-sectional survey using
- Accrual between June and October 2009 • Invited MDs and HCPs in rheumatology
- in Canada to respond
- Survey included: – Demographics
- Current and "dream" models of care – Self-rated knowledge and skills – Attitudes towards health care teams
- (Heinemann 1999)
- Challenges and barriers to IPC practice – Readiness for IPC practice



#### FIGURE 1 – RESPONDENTS BY PROVINCE

- Ontario 53%
- Quebec 9%
- Alberta 8%
- British Columbia 27%
- New Brunswick 2%
- Newfoundland/Labrador 1%

#### FIGURE 4 – ATTITUDES TOWARDS HEALTH CARE TEAMS PC (PHYSICIAN CENTRALITY) SUBSCALE BY PROFESSION (Mean ATHCT (PC))



MDs had the highest perception of their authority/centrality over team while Advanced Practitioners had the lowest.

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## RESULTS

- 151 respondents
- 74% practicing in rheumatology
  - 81% members of a rheumatology health care team
  - 57% had NOT received IPC training
  - Demographics: - 81% between 30-59 years – 76% female
  - Profession:
  - 43% MD
  - 30% Physical Therapist (PT) /
  - Occupational Therapist (OT)
  - 15% Advanced Practitioner (PT/OT/RN) – 13% Other (RN/Pharmacist/Researcher)

  - Practice setting: – 15% Ambulatory
  - 22% Community
  - 32% Hospital
  - 32% Mixed settings

#### **Respondents by Province** (See Figure 1)

Current Team vs. "Dream Team" (See Figure 2) Self-rated Knowledge and Skills

- 50% of respondents rated  $\leq$  5 for using current practice

**Attitudes Towards Health Care Teams** (See Figures 3 and 4) **Challenges and Barriers Towards IPC** (See Figure 5)

**Stages of Readiness for IPC** (See Figure 6)



FIGURE 5 – CHALLENGES & BARRIERS TO IPC Dream team Current team (% of respondents) Never Sometimes Often/Almost Always/Always



of roles professional identity Lack of medical directives was identified as a major challenge/barrier

(Scale of 1 = not very much to 7 = very much)

outcome measures, adult education principles and IPC principles in their

• More than 70% of respondents rated >5 for inflammatory arthritis pathology, MSK exam, blood work analysis and triage skills

## CONCLUSIONS

- Need for IPC practice training greater than for clinical skills and knowledge training in rheumatology
- Only 30% felt their team was currently working in an IPC practice model
- Teams at varying stages of readiness for IPC practice
- MDs had higher perception of their authority in teams and control over information
- There are many different models of rheumatology care in Canada
- Several barriers to IPC were identified by respondents

## NEXT STEPS

- Contact Lorna Bain for further information

#### FIGURE 3 – ATTITUDES TOWARDS HEALTH CARE TEAMS QP (QUALITY OF CARE/PROCESS) SUBSCALE BY PROFESSION (Mean ATHCT (QP))



ANOVA: p=0.002; Duncan test: Significant difference: MD vs Advanced Practitioner and MD vs Other MDs had significantly lower QP scores than the other two professional groups.



FIGURE 6 – 4 STAGES OF READINESS FOR IPC Action (doing it) – 31%

- Pre-contemplation (never thought about it – 9%
- Contemplation (thinking about it) 41%
- Prepared for action (making plans) 5%

• TAP is poised to launch a national IPC training program for HCPs and the pharmaceutical industry that was developed using the survey results lbain@southlakeregional.org

