Congrès

ME.

INTERVENTION **PRÉCOCE ET PRÉVENTION DES PSYCHOSES**

Connaissances actuelles et orientations futures

Conference

EARLY INTERVENTION **IN PSYCHOSIS**

Current knowledge and future directions

The clinical presentation of firstepisode psychosis across different migrant and ethnic minority groups in Montreal, Quebec

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WHY ARE IMMIGRANTS AT INCREASED RISK FOR DEVELOPING PSYCHOSIS?

- a. Selective migration
- b. Post-migration factors
- c. Misdiagnosis

Rwegellera 1977 (30) (West Africa)				1
Harrison et al. 1988 (16) (Caribbean)				
Harrison et al. 1997 (10) (Caribbean)				
McGovern and Cope 1987 (17) (Caribbean)			-	
Castle et al. 1991 (13) (Caribbean)				
Rwegellera 1977 (30) (Caribbean)				
Dean et al. 1981 (32) (Caribbean)				
Selten et al. 2001 (3) (Morocco)			-	
Goater et al. 1999 (11) (West Africa/Caribbean)				
Hitch and Clegg 1980 (28) (Eastern Europe)				
Goater et al. 1999 (11) (Asia)	-			
Goater et al. 1999 (11) (mixed foreign-born)				
Dean et al. 1981 (32) (New Commonwealth Africa)				
van Os et al. 1996 (14) (West Africa)				
Krupinski and Cochrane 1980 (31) (Poland)				
Cantor-Graae et al. 2003 (4) (Australia)				
Selten et al. 1997 (29) (Dutch Antilles)				
Cantor-Graae et al. 2003 (4) (Africa)		and the second		
Selten et al. 1997 (29) (Surinam)				
Cantor-Graae et al. 2003 (4) (Middle East)				
Selten et al. 2001 (3) (Surinam)				
Selten and Sijben 1994 (34) (Morocco)				
Cantor-Graae et al. 2003 (4) (Greenland)				
Hitch and Clegg 1980 (28) (New Commonwealth)				
Cochrane and Bal 1987 (18) (Caribbean)				
Dean et al. 1981 (32) (India)				
van Os et al. 1996 (14) (Caribbean)		and the second sec		
Grand Mean				
Thomas et al. 1993 (33) (Caribbean)				
Cantor-Graae et al. 2003 (4) (South America)	1			
Krupinski and Cochrane 1980 (31) (Germany)				
Dean et al. 1981 (32) (Ireland)		and the second		
Cantor-Graae et al. 2003 (4) (Asia)				
Cantor-Graae et al. 2003 (4) (Europe)				
Selten et al. 2001 (3) (Dutch Antilles)				
Cantor-Graae et al. 2003 (4) (North America)		all and the second s		
Selten et al. 2001 (3) (mixed foreign-born)				
Cantor-Graae et al. 2003 (4) (Scandinavia)	and the second se			
Cantor-Graae et al. 2003 (4) (second-generation Denmark)				
Zolkowska et al. 2001 (27) (mixed foreign-born)				
Krupinski and Cochrane 1980 (31) (Italy)				
Bhugra et al. 1997 (15) (Caribbean)				
Cochrane and Bal 1987 (18) (Ireland)				
Thomas et al. 1993 (33) (Asia)				
Bhugra et al. 1997 (15) (Asia)				
Cochrane and Bal 1987 (18) (Pakistan)				
Cochrane and Bal 1987 (18) (India)				
Dean et al. 1981 (32) (Pakistan)	and the second se			
Krupinski and Cochrane 1980 (31) (United Kingdom) Selten and Sijben 1994 (34) (Turkey)				
Selten et al. 2001 (3) (Turkey)				
-2.00 -0.83	0.00 0.33	1.50	2.67	3.8

Cantor-Graae & Selten, 2005





ARE THERE DIFFERENCES IN CLINICAL PRESENTATION BASED ON ETHNIC BACKGROUND

- a. No differences
- b. Increased severity of positive symptoms
- c. Increased severity of negative symptoms
- d. Increased severity of general psychopathology
- e. Decreased severity in positive or negative symptoms, or general psychopathology



Why studying clinical presentation of psychotic disorder?

VOL. 19, NO. 2, 1993

Diagnosis and Classification of Schizophrenia

by Nancy C. Andreasen and William T. Carpenter, Jr.

Abstract

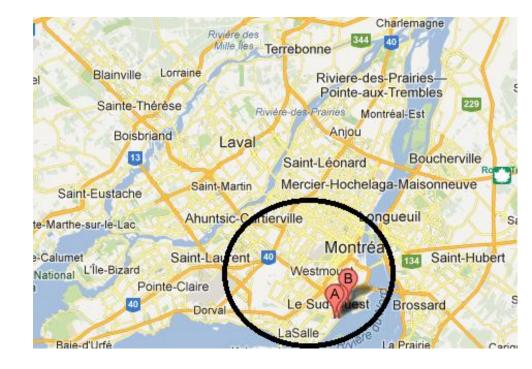
ity" of a given schizophrenia v mined by evalu





METHOD

- Defined urban catchment area with a large population of firstand second-generation immigrants
- Ascertainment of ethnicity

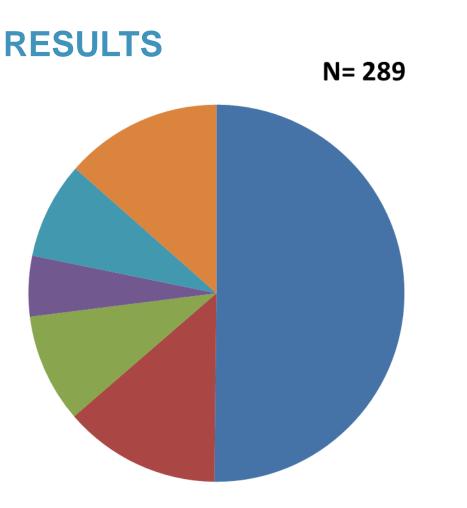




INSTRUMENTS

- Scale for the Assessment of **Positive Symptoms** (SAPS)
- Scale for the Assessment of **Negative Symptoms** (SANS)
- General Psychopathology: Postitive and Negative Syndrome scale (PANSS)
- Structured Clinical Interview for DSM IV (SCID)
- Circumstances of Onset and Relapse Schedule (CORS)

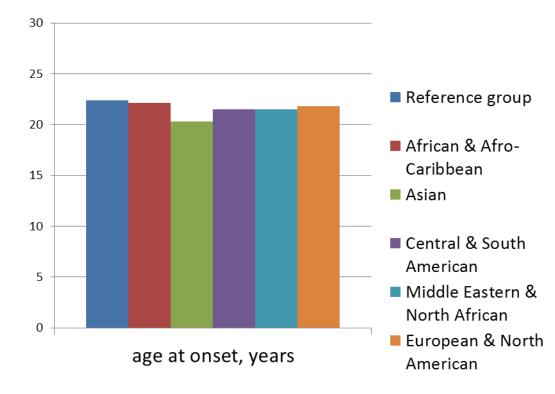


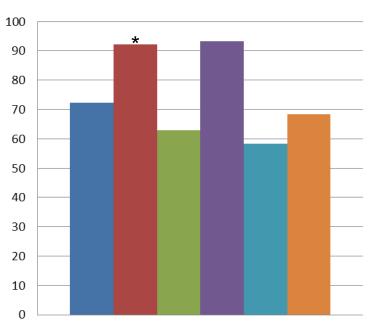


- Reference group
- African & Afro-Caribbean
- Asian
- Central & South American
- Middle Eastern & North African
- European & North American



RESULTS – demographic characteristics

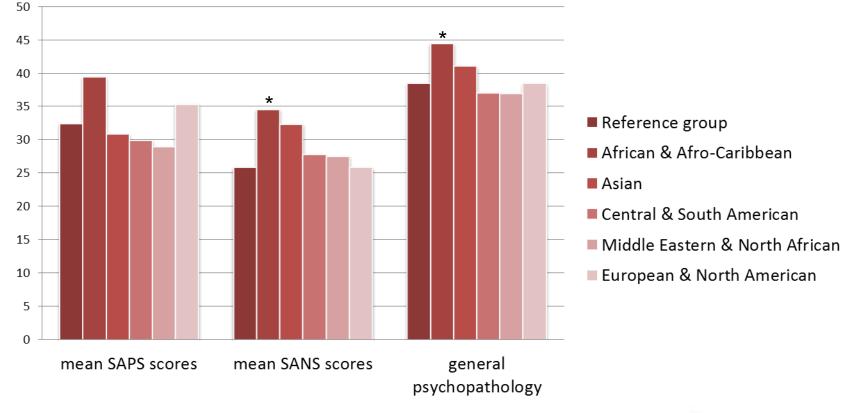




referral source, % emergency room



RESULTS – clinical characteristics



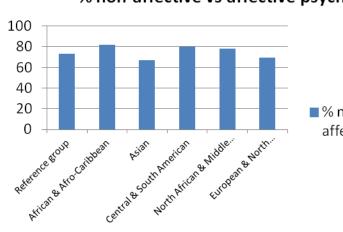




DISCUSSION

Similarities across ethnic groups compared with the reference group:

- Core symptoms
- DUP, age at onset, diagnoses
- Misdiagnosis?



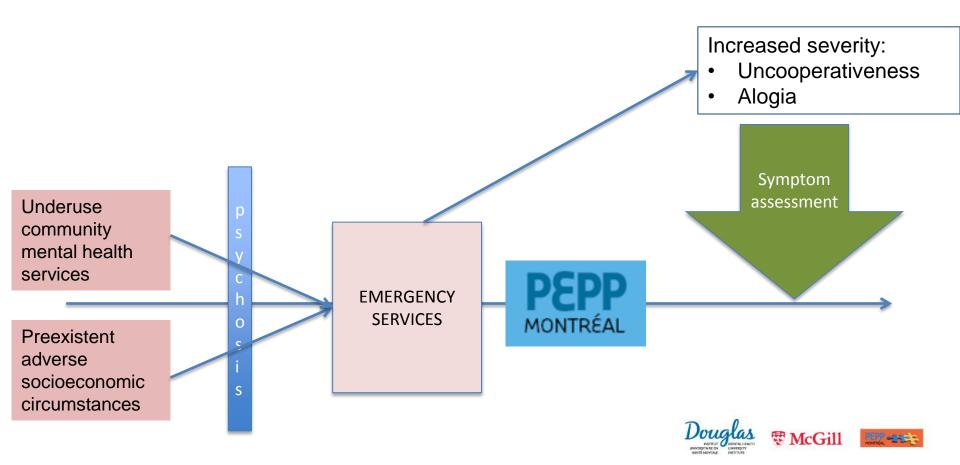
% non-affective vs affective psychosis

% non-affective vs affective psychosis





DISCUSSION

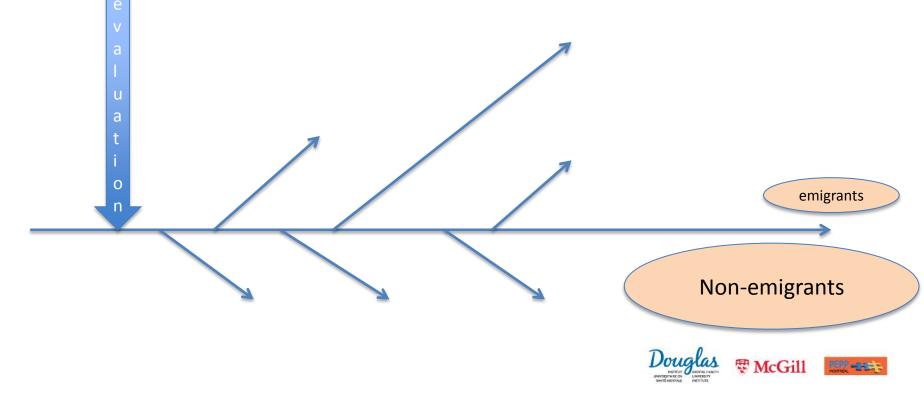


NEW STUDY: TESTING THE SELECTIVE MIGRATION HYPOTHESIS (Ødegaard, 1932)





50.000 Swedish males, age 17-18



RESULTS

Non-emigrants	Emigrants
Id	
Id	
+	-
Id	
Id	
-	+
-	+
1.11	0.99
	Id Id + Id Id -





WHY ARE IMMIGRANTS AT INCREASED RISK FOR DEVELOPING PSYCHOSIS?

- a. Selective migration
- b. Post-migration factors
- c. Misdiagnosis



THANK YOU!







Symptom evaluators Case managers

Prof. Ashok Malla Prof. Ridha Joober Dr. Francois Bourque Prof. Jean-Paul Selten Prof. Jim van Os Dr. Susanne Wicks Dr. Christina Dalman Prof. Peter Allebeck



