#### 8th December 2017

"Global Mental Health Day - Mental Health in Conflict and War"

#### Mental Health of Young Refugees in Resettlement Countries

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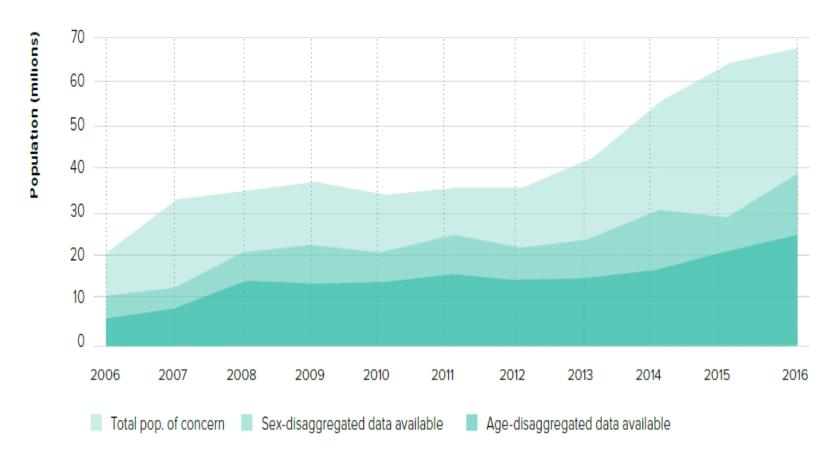
CNWL NHS Trust

Imperial College

#### This talk

- Demographics Numbers
- Developmental Psychopathology across the life span
  - Infancy
  - Childhood/adolescence
  - Adolescence/early adulthood
- Services & Interventions

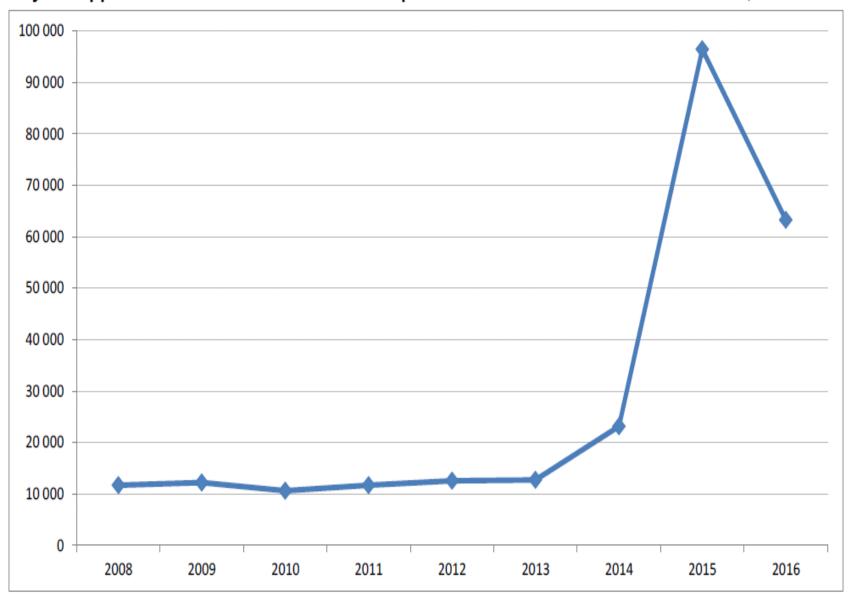
Figure 21 | Demographic characteristics available on UNHCR's population of concern | 2006-2016



### UNHCR, 2017

#### Map 1 Populations of concern to UNHCR by category | end-2015 Refugees, including persons in a refugee-like situation Turkey Lebanon Pakistan Islamic Rep. of Iran Ethiopia Number of persons 5,000,000 1,000,000 100,000

#### Asylum applicants considered to be unaccompanied minors in the EU Member States\*, 2008-2016



### Unaccompanied asylum seeking children(<18 years) in the EU 2015

- TOTAL 88,300
- Sweden almost 35,300 = 40%
- Germany 14,400 = 16%
- Hungary 8,800 = 10%
- Austria 8,300 = 9%
- UK 3045 = 3.4%

[www.escap.eu/bestanden/Care%20(38)/Refuge es/3 02052016\_ap\_en.pdf]

# Prevalence of Psychiatric Disorder in refugees and displaced people

- Prevalence varies according to methodology eg sample size
- N< 500 ~ 37%</li>
- N>500, better studies, ~15%
- PTSD risk increases with:
  - Torture
  - Potentially traumatic events
  - Less time since exposure

(Steel et al, 2009)

# Prevalence of serious mental disorder in 7000 refugees resettled in Western countries: a systematic review

- 6743 adult refugees from 7 countries
- Larger studies,
  - 9% (99% CI 8-10%) PTSD
  - 5% (4–6%) with major depression
- Five surveys 260 children
  - 11% (7-17%) for PTSD
  - No relevant studies of depression identified

(Fazel et al, 2005)

#### Refugee Infants

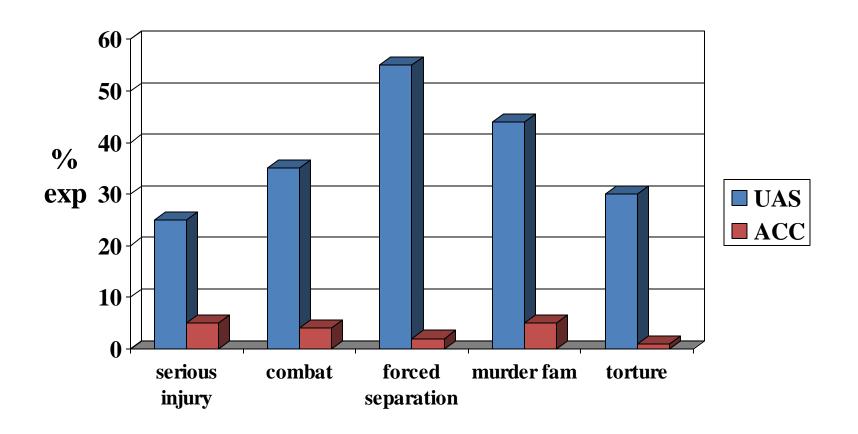
- Parental PTSD associated with insecure attachment and disorganised attachment [which predicts later psychiatric symptoms, poor peer relationships and lower self esteem] (Van Ee et al 2016)
- Parental psychiatric disorder associated with range of infant/childhood psychopathology
- Family loss affect care/routines/warmth to child

#### **Acculturation & Family**

- Adolescents rapid integration, language acquisition and acculturation - bicultural
- Impact of family
  - Conflicts in family generational expectations behaviour
  - Child as carer for parent [ 个with missing/impaired father]
- Increased risk conduct problems boys

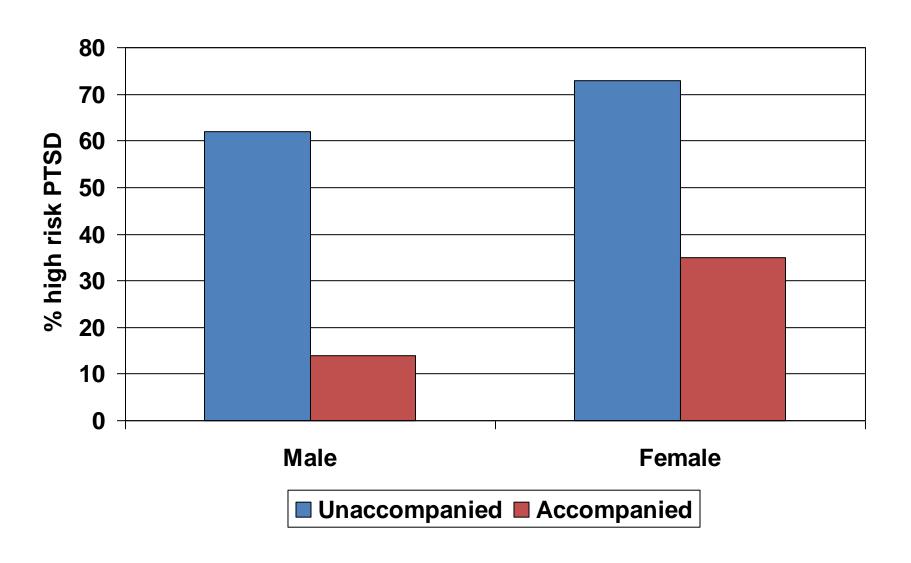
(Tousignant et al, 1999)

# Risk Factors: War Exposure Events Experienced Unaccompanied asylum seeking children (UASC) & Accompanied refugees compared



Hodes et al, 2008

### Impact of Events Scale - Risk of PTSD Unaccompanied and Accompanied children

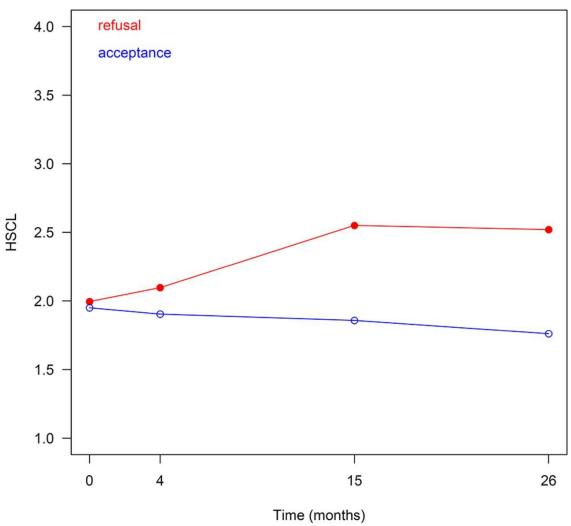


# Daily Hassles and Depressive Symptoms amongst UASC

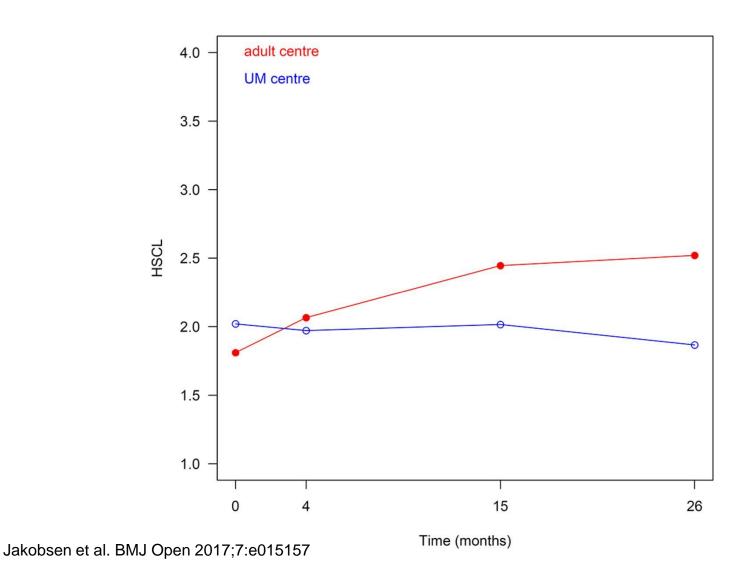
- Hassles (general or acculturative)
- Longitudinal study in Norway over 2.8 years
- Acculturative hassles predict depressive symptoms
- Hassles reduce over time
- Depressive symptoms didn't reduce

(Keles et al , 2016)

Course of psychological distress (Hopkins Symptom Checklist (HSCL)) during follow-up of asylum seekers who received refusal of asylum (n=67) and asylum seekers who received residence permission or time-limited asylum (n=64).



Course of psychological distress (Hopkins Symptom Checklist (HSCL)) during follow-up of asylum seekers placed in asylum centres for adults (n=38) and asylum seekers placed in asylum centres for youth (n=100).



#### Summary – PTSD & Depression

- High violence exposure, greater threat
  - -> 个 stable PTSD
- PTSD & depression, both elevated
  /maintained by post-migration resettlement
  stressors & life events [eg detention,
  deportation, family conflict etc]
- High support, refugee status, time >reduction distress especially depression
   PTSD may show greater continuity

# Severely Impaired Adolescents & Young People

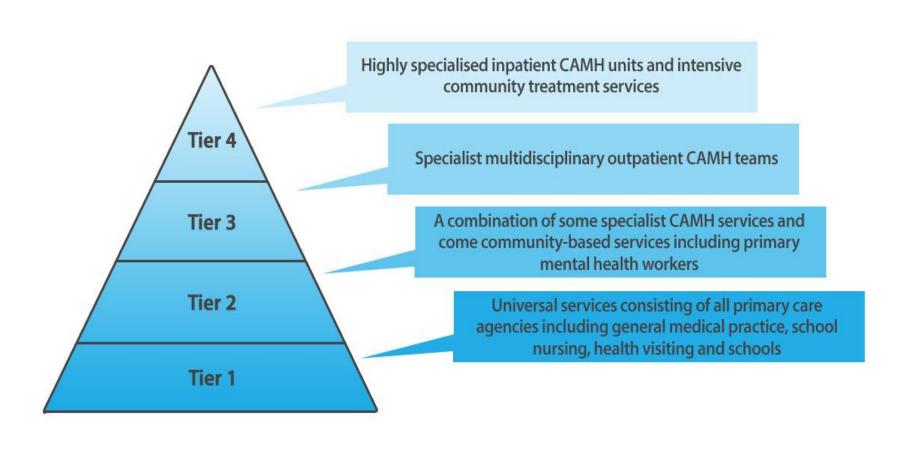
- High level of deliberate self harm and violent self harm
- High level of psychiatric admission as lower family/social support
- High levels of stress including PTSD may trigger psychosis

### Refugee migration and risk of schizophrenia and other non-affective psychoses

Cohort study of 1.3 million people in Sweden. Refugees increased risk of psychosis compared with both the Swedish-born population (adjusted hazard ratio 2.9, 95% CI 2.3 - 3.6) non-refugee migrants (1.7, 1.3 - 2.1) after adjustment for confounders.

(Hollander et al, 2016)

### Tiering interventions Community Support



### Service Access – Sociocultural Considerations

- Access cost, referral pathways
- Language & cultural considerations
  - Understanding of distress and disorder
  - Community/social networks
  - Including religious/non western medical approaches (healing etc)
- High mobility -> GP/primary care registration

#### Community Tier - School 1

- Family + child/adolescent willingness to attend/integrate
- Language support
- Support/integration groups
- Teacher support for low level distress

#### Community Tier – School Tier 2

- Teacher identification of more distressed and impaired
- Aided by screening instrument eg SDQ
- Referral for school based help by CAMHS professional
- Non-stigmatising, favourably regarded
- Easy review of social function & progress

(Dura-Vila et al, 2013; Fazel et al, 2016)

#### UASC – Help seeking

- High risk of PTSD, lower depression [eg in recent UK samples 50%]
- most not in mental health services
- consider referral on basis of: distress, impairment, willingness to attend for treatment

(Bean et al, 2006; Sanchez-Cao et al, 2013)

#### Clinic based services Tier 3

- More impaired lower CGAS/GAF <60</li>
- Psychiatrically heterogeneous
- High proportion have psychosocial disorders
  - PTSD, depression
  - Some neurodevelopmental disorders [ADHD, etc]
- Diagnosis consider comorbidity, stability of symptoms, family histories

#### **Treatments**

- Cognitive behavioural therapy
  - Individual or group
  - manualised
- Narrative exposure therapy
- Interpersonal psychotherapy
- Play therapy
- Parenting & Family Therapy
- Symptom/disorder based [psychological, or drug/medical]

#### Conclusions

- Varied difficulties across the life span
- Depending on age, exposures, family background/losses
- Over time diminution common disorders, emergence of conduct problems, serious psychopathology
- Tiered system of care needed [+ task shifting]
- More research on effective interventions needed







has soared a staggering 46%



gaffe...No wonder the Queen is always smiling



SEASONS GREETINGS FROM SWITZERLAND.

Europe

Germany hate crime: Nearly 10 attacks a day on migrants in 2016

3 26 February 2017

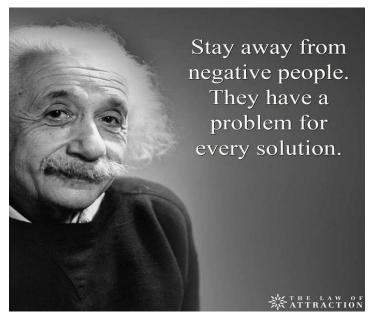


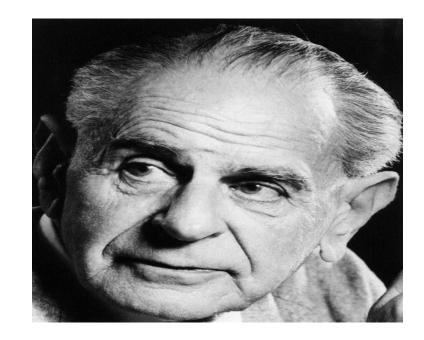






Nearly 10 attacks were made on migrants in Germany every day in 2016,









### Thank you

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#### References

- Bean, T., Eurelings-Bontekoe, E., Mooijaart, A., & Spinhoven, P. (2006). Factors associated with mental health service need and utilization among unaccompanied refugee adolescents. Adm Policy Ment Health, 33(3), 342-355. doi:10.1007/s10488-006-0046-2
- Dura-Vila, G., Klasen, H., Makatini, Z., Rahimi, Z., & Hodes, M. (2013). Mental health problems of young refugees: duration of settlement, risk factors and community-based interventions. Clin Child Psychol Psychiatry, 18(4), 604-623. doi:10.1177/1359104512462549
- Fazel, M., Garcia, J., & Stein, A. (2016). The right location? Experiences of refugee adolescents seen by school-based mental health services. Clin Child Psychol Psychiatry, 21(3), 368-380. doi:10.1177/1359104516631606
- Fazel, M., Wheeler, J., & Danesh, J. (2005). Prevalence of serious mental disorder in 7000 refugees resettled in western countries: a systematic review. Lancet, 365(9467), 1309-1314. doi:10.1016/s0140-6736(05)61027-6
- Hodes, M., Jagdev, D., Chandra, N., & Cunniff, A. (2008). Risk and resilience for psychological distress amongst unaccompanied asylum seeking adolescents. J Child Psychol Psychiatry, 49(7), 723-732. doi:10.1111/j.1469-7610.2008.01912.x
- Hollander, A. C., Dal, H., Lewis, G., Magnusson, C., Kirkbride, J. B., & Dalman, C. (2016). Refugee migration and risk of schizophrenia and other non-affective psychoses: cohort study of 1.3 million people in Sweden. Bmj, 352, i1030. doi:10.1136/bmj.i1030
- Jakobsen, M., Meyer DeMott, M. A., Wentzel-Larsen, T., & Heir, T. (2017). The impact of the asylum process on mental health: a longitudinal study of unaccompanied refugee minors in Norway. BMJ Open, 7(6), e015157. doi:10.1136/bmjopen-2016-015157
- Keles, S., Friborg, O., Idsoe, T., Sirin, S., & Oppedal, B. (2016). Depression among unaccompanied minor refugees: the relative contribution of general and acculturation-specific daily hassles. Ethn Health, 21(3), 300-317. doi:10.1080/13557858.2015.1065310
- Sanchez-Cao, E., Kramer, T., & Hodes, M. (2013). Psychological distress and mental health service contact of unaccompanied asylum-seeking children. Child Care Health Dev, 39(5), 651-659. doi:10.1111/j.1365-2214.2012.01406.x
- Steel, Z., Chey, T., Silove, D., Marnane, C., Bryant, R. A., & van Ommeren, M. (2009). Association of torture and other potentially traumatic events with mental health outcomes among populations exposed to mass conflict and displacement: a systematic review and meta-analysis. Jama, 302(5), 537-549. doi:10.1001/jama.2009.1132
- Tousignant, M., Habimana, E., Biron, C., Malo, C., Sidoli-LeBlanc, E., & Bendris, N. (1999). The Quebec Adolescent Refugee Project: psychopathology and family variables in a sample from 35 nations. J Am Acad Child Adolesc Psychiatry, 38(11), 1426-1432.
- UNHCR. (2016). Global Trends. Forced displacement in 2015. Retrieved from Geneva
- van Ee, E., Kleber, R. J., Jongmans, M. J., Mooren, T. T., & Out, D. (2016). Parental PTSD, adverse parenting and child attachment in a refugee sample. Attach Hum Dev, 18(3