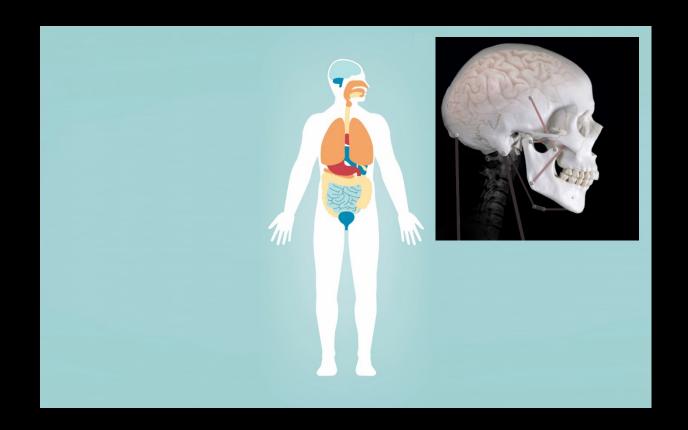
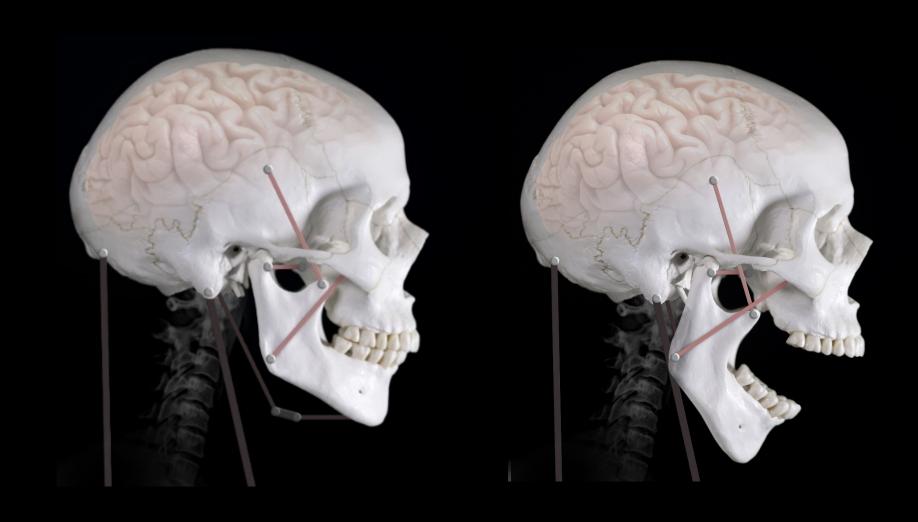


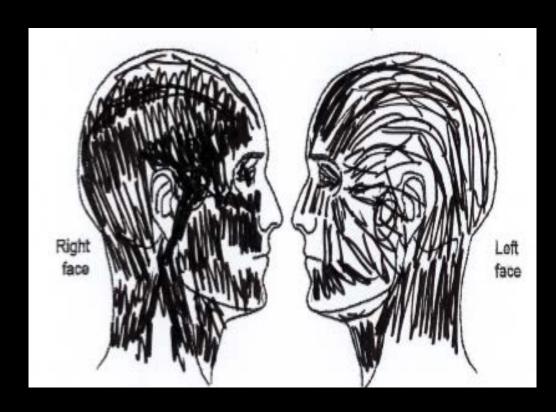
• TMD affects oral health and general health

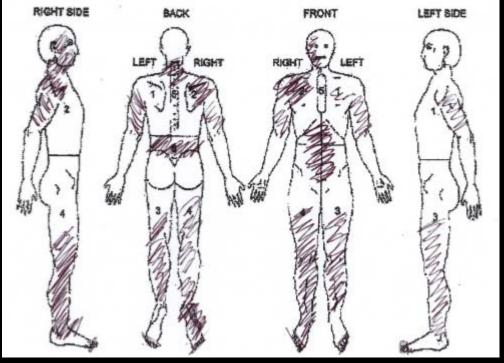


TMD = Pain and Functional Limitations



Pain



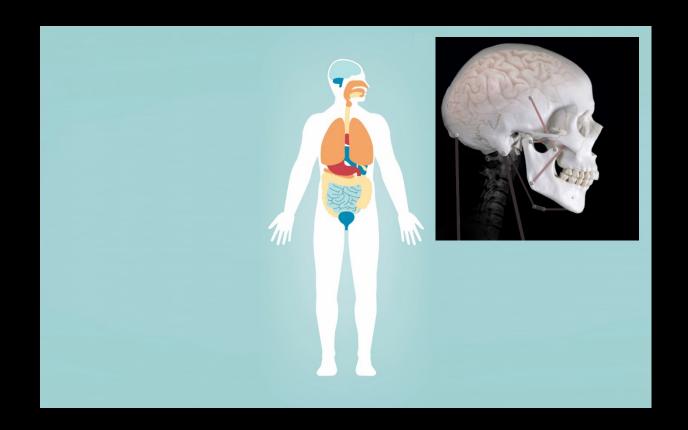


Functional Limitations

10. What activities does the problem(s) prevent or limit you from doing?

<u>Yes</u>	No		Yes	No
eating hard food		swallowing		×
eating soft food	×	drinking		X
biting into food		cleaning face	X	
chewing		brushing teeth	X	
yawning		flossing	X	
talking Not yet	- 🗆	maintaining normal weight	. 🗆	X
singing		having your usual facial appearance.	🗷	. 0
smiling		sexual activity	X.	
laughing		Other		D

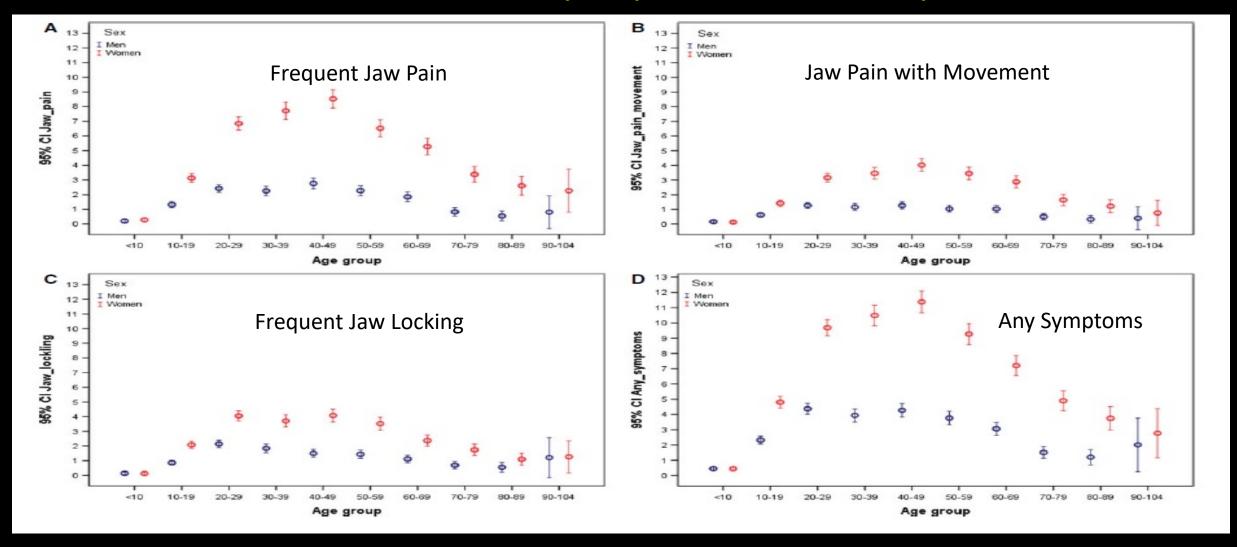
• TMD affects oral health and general health



 Treating TMD in later stages will not change the prevalence or negative impacts on society

Prevention and early intervention are essential

Prevalence of TMD symptoms - lifespan



TMD comorbidities across lifespan

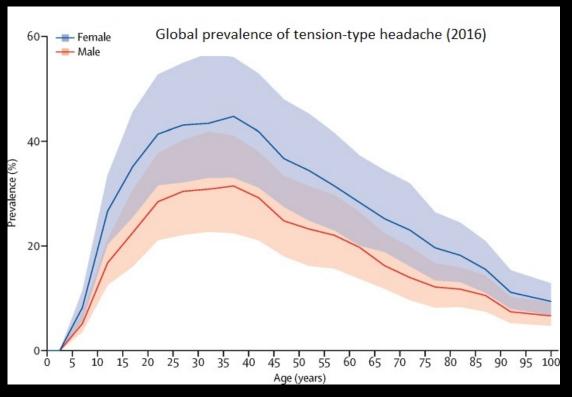
Headache

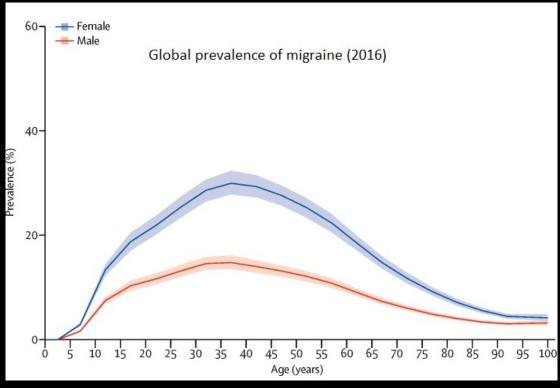
- Common types of headache in TMD:
 - Tension-type headache
 - Migraine

Tension-type Headache and Migraine

Tension -type headache

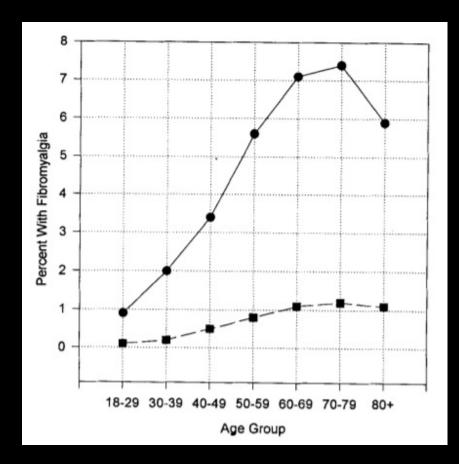
Migraine



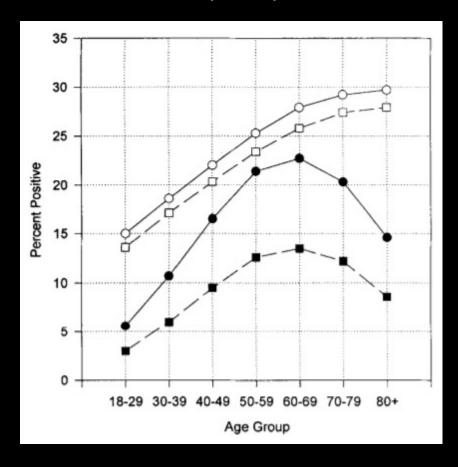


Fibromyalgia and Widespread Pain

Fibromyalgia

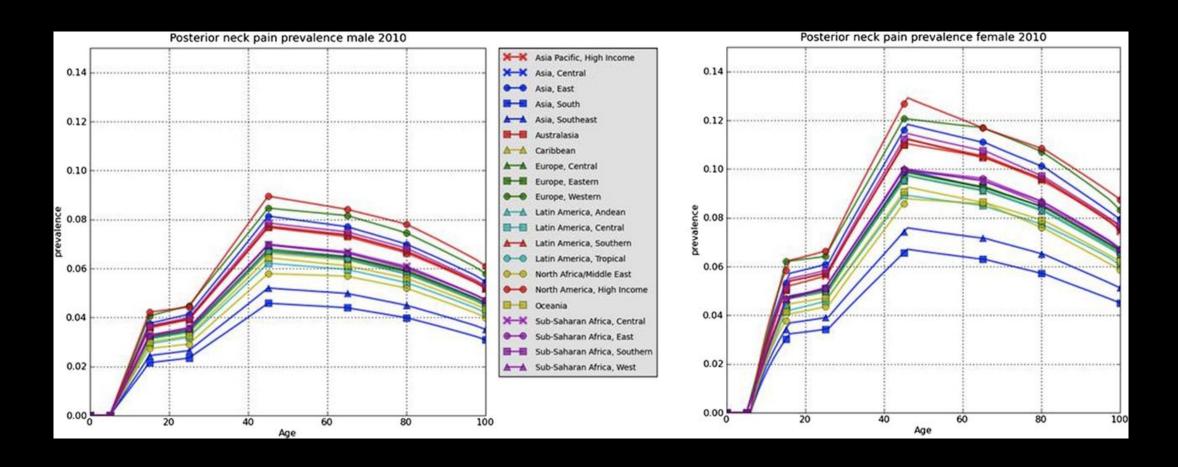


Widespread pain



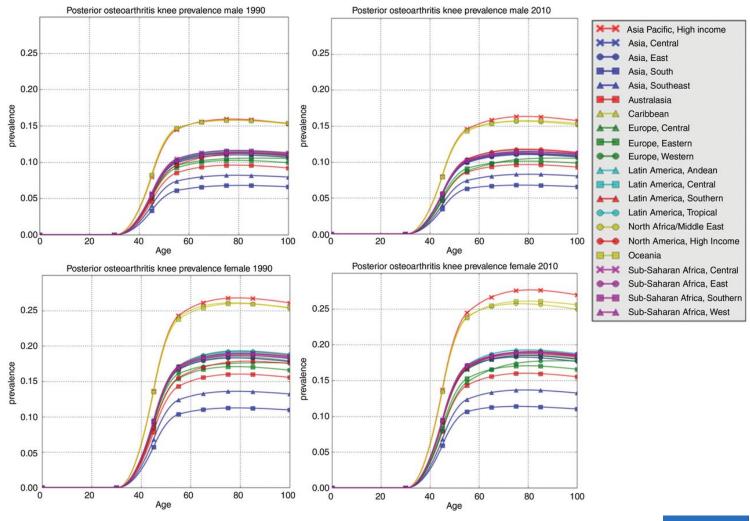
Other comorbid musculoskeletal conditions

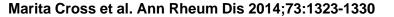
DisMod-generated 2010 prevalence of neck pain by age, sex, year and region, GBD 2010.





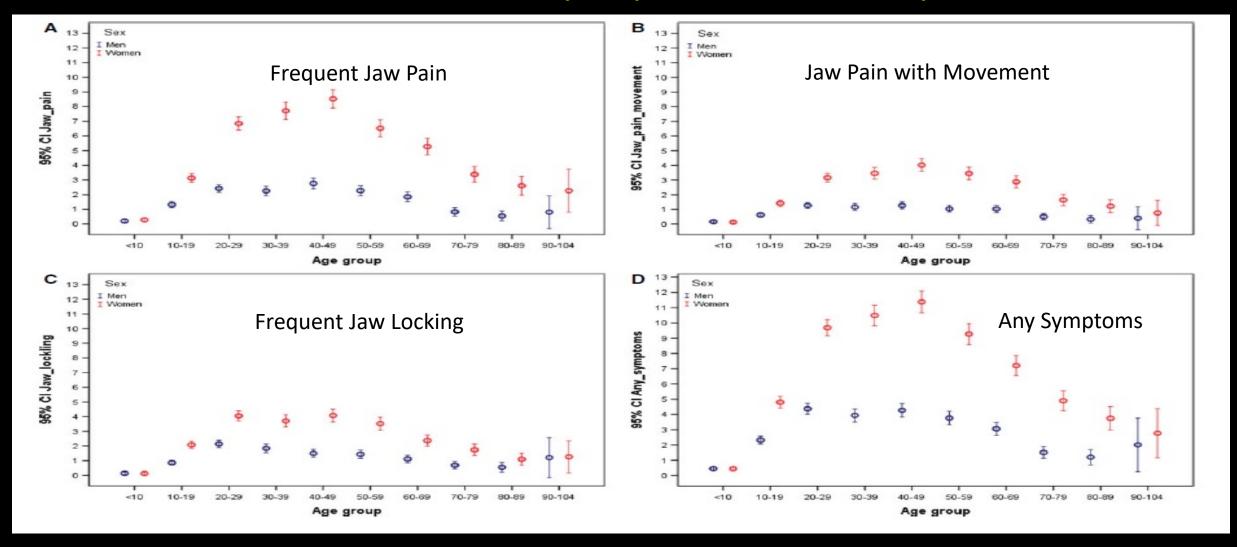
DisMod-MR-generated 1990 and 2010 prevalence of knee osteoarthritis by age, sex, year and region, Global Burden of Disease 2010 study.



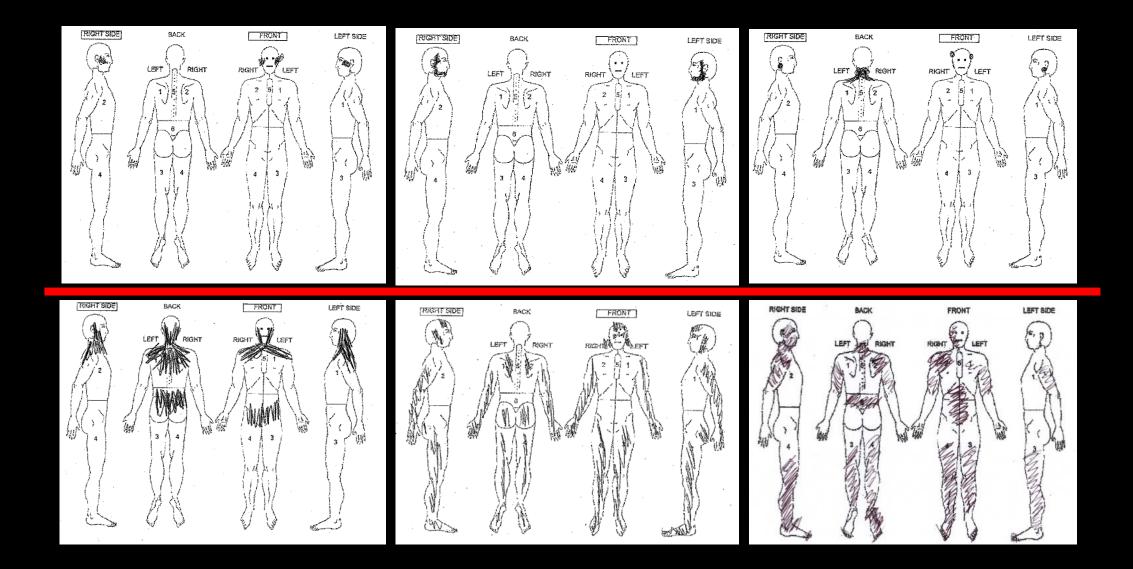




Prevalence of TMD symptoms - lifespan



Currently: Identical Treatment for all Types/Levels of TMD



Insurance policies for TMD –

Need a TOTAL Makeover!

Current insurance dilemma

- Most physicians are not trained to evaluate and manage TMD
- 2. Dentists are better trained to evaluate and manage TMD
- 3. Dentists are willing and capable to provide TMD care
- 4. BUT
 - Medical insurance companies won't credential dentists
 - Dental insurance won't provide TMD coverage

Summary: Risk Identification, Prevention, and Early Intervention are Essential

Insurance policies

- Unite medical and dental coverage for TMD
- Encourage risk screening, prevention, and early intervention.

Research

- Incorporate inter-professional collaboration
- Develop chair-side risk assessment tools
- Develop risk-based practice guideline
- Develop mechanism-based prevention and early intervention strategies

Dental and medical education

- Require education on risk assessment, prevention, and early intervention
- Increase inter-professional cross-training

Clinical care

- Develop inter-disciplinary care network to help care access
- Primary care: implement risk screening, prevention, and early intervention

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