Committee on Temporomandibular Disorders (TMD):
From Research Discoveries to Clinical Treatment

The National Academies
Keck Center – E Street Conference Room
500 Fifth St. NW
Washington, DC 20001

DRAFT WORKSHOP AGENDA

Thursday, March 28, 2019

OPEN SESSION – PUBLIC WORKSHOP

8:30 – 8:45 am Welcome and Opening Remarks
Queta Bond, Committee Chair

PANEL 1: TMD SCOPE AND DEFINITIONS

Objectives:
• Explore the science and mechanisms of TMD.
• Identify similarities and differences between TMD and other chronic pain conditions.
• Discuss definitions of TMD and next steps in defining and categorizing TMD.
• Receive suggestions from panelists for improving the definition of TMD.

Panel Chair:
Richard Ohrbach, University of Buffalo, committee member

8:45 – 9:30 am Patient perspective
• Jennifer Feldman, individual with TMD

Defining TMD for clinical care
• Dan Clauw, University of Michigan
• Bill Maixner, Duke University

9:30 – 10:00 am Discussion with the committee

10:00 – 10:15 am Break
PANEL 2: PUBLIC HEALTH BURDEN OF TMD

Objectives:
- Explore the public health significance of TMDs, including prevalence, incidence, burden and costs – what is known and not known?
- Identify current national or regional surveys or other data resources that contain information on TMD.
- Consider the challenges to data collection and reliability in estimating the public health impact of TMD.
- Explore TMD and disability classifications.
- Receive suggestions from panelists for improving knowledge about the public health burden of TMD.

Panel Chair: Robert Weyant, University of Pittsburgh, Committee Member

10:15 – 11:15am  Patient perspective
- Tricia Kalinowski, individual with TMD

Studying the public health impact of TMD
- Gary Slade, University of North Carolina
- Mark Piper, The Piper Clinic [invited]
- James Fricton, University of Minnesota [remote presentation]

11:15am – 11:45am  Discussion with the committee

11:45am – 12:30pm  Lunch (Keck Atrium)

PANEL 3: TMD RESEARCH – BASIC & PRECLINICAL

Objectives:
- Discuss similarities and differences among mechanisms of TMD pain and other chronic pain conditions.
- Explore the state of basic and preclinical TMD science.
- Identify research gaps and future directions and priorities.
- Receive suggestions from panelists for improving TMD basic and preclinical research.

Panel Chair: Kathleen Sluka, University of Iowa, Committee Member

12:30 – 12:45pm  Overview of TMD science and research from an NIH perspective
Yolanda Vallejo, Director, Neuroscience of Orofacial Pain and Temporomandibular Disorders Program, National Institute of Dental and Craniofacial Research, NIH

12:45 – 1:00pm  Discussion with the committee
1:00pm – 2:00pm  Future Directions for Basic & Preclinical TMD Research

Patient perspective
  • Lisa Schmidt, individual with TMD

Neuroimmunology and transitioning from acute to chronic pain
  • Annemieke Kavelaars, MD Anderson [remote presentation]

Utility of animal models for TMD and orofacial pain
  • Ke Ren, University of Maryland

TMD research over the years – gaps and future priorities
  • Allen Cowley, Medical College of Wisconsin

2:00 – 2:30pm  Discussion with the committee

2:30 – 2:45pm  Break

2:45 – 3:00pm  Ontology of orofacial pain to improve patient care
Moderated by Richard Ohrbach
  • Werner Ceusters, University at Buffalo [remote presentation]

3:00 – 3:15pm  Discussion with the committee

---

PANEL 4: TMD RESEARCH – CLINICAL & TRANSLATIONAL

Objectives:
  • Discuss similarities and differences among mechanisms of TMD pain and other chronic pain conditions.
  • Explore the state of clinical and translational TMD science.
  • Identify research gaps and future directions and priorities.
  • Receive suggestions from panelists for improving TMD clinical and translational research and treatment.

Panel Chair: Roger Fillingim, University of Florida, Committee Member

3:15 – 3:30pm  Overview of evidence base for current TMD treatments
  • Mark Drangsholt, University of Washington

3:30 – 3:45pm  Discussion with the committee
3:45 – 4:45pm  
Future directions for clinical & translational TMD research

Caregiver perspective  
• Michelle and Alexandra Reardon, family member and patient

Complementary and integrative health approaches  
• Helene Langevin, National Center for Complementary and Integrative Health, NIH

Neuroimaging research in TMD  
• Alexandre DaSilva, University of Michigan

Lessons learned from advancements in orthopedics  
• Constance Chu, Stanford University [remote participation]

4:45 – 5:15pm  
Discussion with the committee

5:15 – 6:15pm  
Public comments by registered speakers (3 – 5 minutes each)  
   Moderators: Queta Bond and Sean Mackey

6:15pm  
Day 1 Public Session Adjourns

Friday, March 29, 2019

OPEN SESSION – PUBLIC WORKSHOP

8:30 – 8:45am  
Welcome and Opening Remarks  
Queta Bond, Committee Chair

PANEL 5: TMD CARE PATHWAYS

Objectives:  
• Discuss current TMD treatments and standards of care – what is known about their effectiveness?  
• Explore the current pathways and practitioners TMD patients use to receive care and recommend improved pathways.  
• Explore the separation of dental and medical practice in the United States and implications for TMD patient care.  
• Receive suggestions from panelists as to how future TMD care can be improved.

Panel Chair:  
David Deitz, David Deitz and Associates, Committee Member

8:45 – 9:45am  
Improving TMD care pathways
TMD care pathways – a UK perspective  
o  Justin Durham, Newcastle University [remote participation]

TMD care pathways – a patient perspective  
o  Adriana van Ineveld, individual with TMD

Improving TMD care pathways – roles of dentistry and medicine  
o  American Dental Association  
  ▪  Deepak Kademani, North Memorial Medical Center [remote participation]
o  American Association of Oral and Maxillofacial Surgeons  
  ▪  Gary Bouloux, Emory University School of Medicine  
  ▪  Gregory Ness, Ohio State University College of Dentistry
o  American Association of Public Health Dentistry  
  ▪  Hong Chen, University of Iowa College of Denistry and Dental Clinics

9:45 – 10:15am  Discussion with the committee

10:15 – 10:30am  Break

10:30 – 11:30am  Public comments by registered, remote speakers (3 – 5 minutes each)  
  Moderators: Queta Bond and Sean Mackey

11:30am  Public Session Adjourns