

**W25: Advanced clinical and research methods for unravelling the relationship between pathophysiology and the success of OAB treatment**

Workshop Chair: Cara Tannenbaum, Canada

21 October 2014 09:00 - 12:00

Start	End	Topic	Speakers
09:00	09:15	Introduction and workshop objectives	<ul style="list-style-type: none"> <li>• Cara Tannenbaum</li> </ul>
09:15	09:45	Pathophysiologic mechanisms of idiopathic OAB	<ul style="list-style-type: none"> <li>• Ann Hanna-Mitchell</li> </ul>
09:45	10:15	Clinical biomarkers and screening strategies for OAB sub-types	<ul style="list-style-type: none"> <li>• Rufus Cartwright</li> </ul>
10:15	10:30	Results of a systematic review and critical appraisal of existing OAB trials	<ul style="list-style-type: none"> <li>• Cara Tannenbaum</li> </ul>
10:30	11:00	Break	None
11:00	11:15	Guidance and metrics for developing a clinical classification scheme for OAB	All
11:15	11:30	Small group breakout to develop a classification algorithm	None
11:30	11:45	Questions	None
11:45	12:00	Summary of workshop and steps forward	<ul style="list-style-type: none"> <li>• Cara Tannenbaum</li> </ul>

**Aims of course/workshop**

This workshop aims to create a framework for clinicians and researchers to classify OAB patients according to underlying pathophysiology. We will review the 4 current pathophysiologic theories underlying idiopathic OAB symptoms: the urothelial/suburothelial hypothesis, the myogenic hypothesis, bladder ischemia, and stress-related/perceptual disturbances originating in the central nervous system. Participants will be exposed to different clinical screening strategies and/or biomarkers to identify patients with each pathophysiologic sub-type of idiopathic OAB. Evidence on the relationship between pathophysiology and the success of OAB treatment will be critically appraised in the context of validating a new clinical classification algorithm.