



Learn & Improve Professional Skills Session 5

Translational Molecular Imaging and Therapy Committee

Monday, October 21, 08:00 - 09:30

Session Title

How to Set Up a Delphi Consensus

Chairpersons

Tessa Buckle (Leiden, Netherlands)

Christina Nanni (Bologna, Italy)

Programme

08:00 - 08:10 **Tessa Buckle** (Leiden, Netherlands): Short introduction

08:10 - 08:30 **Giusi Pisano** (Rome, Italy): Short introduction: Potential of Delphi consensus within nuclear medicine

08:30 - 08:50 **Steven MacLennan** (Aberdeen, UK): Insight into available consensus methodologies

08:50 - 09:10 **Anne-Claire Berrens** (Amsterdam, Netherlands): How to use survey monkey to set up a Delphi for image guided therapy

09:10 - 09:20 Q&A

Educational Objectives

1. Assess the potential of a Delphi consensus within nuclear medicine for objective selection of (novel) technologies or treatment modalities
2. Describe the available consensus methodologies
3. Implement feedback platforms for the set-up of a consensus survey.

Summary

The intent of this session is to provide the attendees with a tool to objectify the selection of technologies or treatment modalities within the field of nuclear medicine.

Commonly multiple technical solutions present themselves for one and the same (popular) clinical topic. Often leading to scattered and even competitive studies that may involve different stake holders e.g. public vs private which perhaps have different motivations. As different solutions all have their own benefits and challenges, it is never easy to select THE technology that will benefit patients the most. From a translational perspective, getting an innovation from molecule-to-man is one thing, but getting it implemented in routine care is something entirely different. In that sense, there is an urgent need for means that help identify which technologies are worth the time and money that is required for full scale global dissemination. While this tends to be missing in nuclear medicine it is a crucial aspect for the pursuit of large-scale healthcare impact!



Choosing between the various options available often is a challenging task that ideally is made using objective measures. Because high-end clinical evidence is not always available or conclusive, widespread implementation of a new technology also means consensus has to be obtained between the relevant stakeholders. To gain reliable expert consensus other clinical societies often use what they call Delphi consensus (named after the Ancient Greek *Oracle of Delphi*, who could predict the future—which promoted anonymity and avoided direct confrontation between experts, so that the methods employed “...appear to be more conducive to independent thought on the part of the experts and to aid them in the gradual formation of a considered opinion”). In this session we will try to show attendees different ways how they can implement the Delphi technique.

Key Words

Technology selection; treatment selection; clinical translation; consensus survey; delphi consensus