Reflections and lessons learnt of EFSPI Statistics Leaders Meetings 2010-2018

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3-4th July 2019, 10th EFSPI Statistics Leaders Meeting

Agenda

- What did we set out to do in 2010?
- Brainstorm: What great things can we achieve in the next 10 years?
- Reflection: Key themes and topics covered in previous meetings
- What have we learnt from the last 9 years?
- Summary
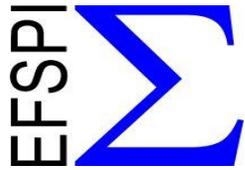
Statistical Leaders Meeting Objectives

- Develop a forum for Statistical Leaders to
  - Network and share ideas
  - Shape and influence our environment
    - Education & Continuing Professional Development
    - Methodology Development & Identification of Best Practice
    - Regulatory and Industry policies
    - Effective working with differing resourcing models
  - Help to shape the strategy for EFSPI

Statistical Leaders Meeting is different

Statistical Meeting

- Technical
- Experts
- Focus on past
- One way
- Presentations
- Reactive audience
- To listen

Statistical Leaders Meeting

- Strategic
- Managers
- Focus on future
- Interactive
- Workshops, Roundtables
- Active participants
- To act

What great things can we achieve in the next 10 years?

What are the 3 top priorities to achieve in the next 10 years of EFSPI Statistics Leaders meetings?

Key themes covered in the meetings

Year 1 (2010)

- Profession Development for statisticians
- Benefit-Risk Assessments
- Health Technology Assessments

Year 2 (2011)

- Model-based drug development
- Comparative drug effects, network meta-analyses
- Accreditation of Pharmaceutical Statisticians
- Totality of evidence

Input and feedback on EFSPI strategy and priorities

Key themes covered in the meetings (cont.)

Year 3 (2012)

- Adaptive statisticians beyond clinical trials
- Career paths for statisticians in Pharma
- Strategy workshop
- SIGs update

Year 4 (2013)

- Clinical data transparency
- SIGS – Medical devices, Benefit-risk

Input and feedback on EFSPI strategy and priorities

Key themes covered in the meetings (cont.)

Year 5 (2014)

- Clinical trial data sharing
- SIGs – Integrated Data Analysis, Pharmaco-epidemiology
- Recent developments & survey results

Year 6 (2015)

- Statisticians adding value to HTA
- Stats leadership on data sharing
- Regulatory interactions
- SIGs – rare diseases, benefit-risk
- Real world evidence
- Estimands

Input and feedback on EFSPI strategy and priorities

Key themes covered in the meetings (cont.)

Year 7 (2016)

- Regulatory interactions
- SIGs – small populations, modelling & simulation, AIMS
- Precision medicine

Year 8 (2017)

- Decision making
- Collaborating with academia
- Patented trial design
- Data science

Input and feedback on EFSPI strategy and priorities

Key themes covered in the meetings (cont.)

Year 9 (2018)

- SIGs – quantitative decision making
- Accelerating clinical trials – using historical data for controls
- Pragmatic trials and external controls
- EFSPI-led training

Year 10 (2019)

- Reflections of the last 9 years
- Improving critical leadership skills for statisticians
- Apply agile methods
- Making our statisticians bold and entrepreneurial
- Round table discussions

Input and feedback on EFSPI strategy and priorities

Did we achieve our goals?

Absolutely!

What have we learnt from the last 9 years

🙂 Key focus on the changing role of the statistician

          ☹ **Slow to change, missed opportunities?**

🙂 Importance of professional development and leadership capabilities

          ☹ **Slow to learn new skills, reduced impact/scope?**

🙂 Tremendous value of the SIGs with significant impact in key areas of drug development

          😐 **Challenging to support and oversee the SIGs**

🙂 Power and strength of the statistical leaders network and influencing EFSPI strategy

          😐 **Could we do more together in between meetings?**

Summary

Thank you for your support to EFSPI and the EFSPI Statistics Leaders Meetings

Fun

Workshops

Inspiring

Competitive

Challenging

Surveys

Open

Discussing

Networking

Engaging

Sharing

Interactive

Teamwork

Brainstorming