



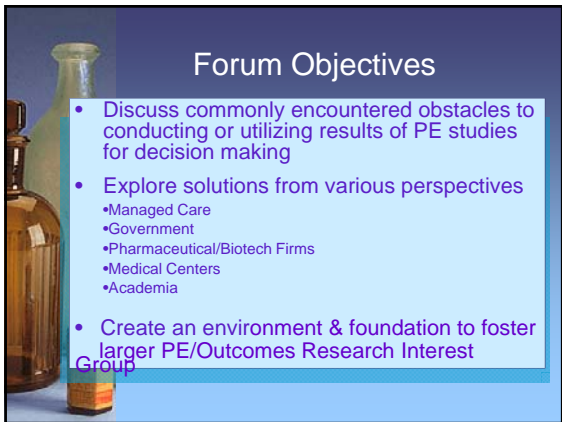
Applied Pharmacoeconomic and Outcomes Research Forum

February 11th 2013




Nine Forums and Six Years ...

1. AMCP Dossiers: Useful for Decision Making or Not? A Debate
2. Biologics: Drawing (or Crossing) the line of Cost vs. Benefit: A Case in Oncology
3. Quality Adjusted Life Years (QALY's) for Decision Making: Views from Canada & the US
4. Using Large Databases to Inform Decision Making: Experience in Three Health Care Systems
5. Real World Data for Decision Making: Moving Beyond Clinical Trials
6. Pharmacoeconomics of Pharmacogenomics
7. Pharmacoeconomics & Pricing: Now & After Health Care Reform
8. What is the Business Case for Quality Improvement Initiatives?
9. **Specialty Pharmacy Distribution Channels & Processes: Challenges & Opportunities Today & Under Health Care Reform**



Forum Objectives

- Discuss commonly encountered obstacles to conducting or utilizing results of PE studies for decision making
- Explore solutions from various perspectives
 - Managed Care
 - Government
 - Pharmaceutical/Biotech Firms
 - Medical Centers
 - Academia
- Create an environment & foundation to foster larger PE/Outcomes Research Interest Group



Steering Committee

<i>Charles Daniels, R.Ph., Ph.D.</i> UCSD Healthcare Department of Pharmacy	<i>Darlene Fujimoto, Pharm.D</i> UCSD Healthcare Department of Pharmacy)
<i>Ted Ganiats, MD</i> UCSD School of Medicine	<i>Jan D. Hirsch, R.Ph., Ph.D.</i> UCSD, Skaggs School of Pharmacy & Pharmaceutical Sciences
<i>Mirta Millares, Pharm.D., FCSHP, FASHP</i> Kaiser Permanente – CA Regions	<i>Anthony P. Morreale, Pharm.D., MBA, BCPS</i> PBM Services, Department of Veterans Affairs
<i>Michael Pollock</i> Reynolds Pollock & Associates	<i>Robert Schoenhaus, Pharm.D.</i> Sharp HealthCare



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GOAL: Sustainable fund for future PE Forums




Specialty Pharmacy Distribution Channels & Processes: Challenges & Opportunities Today & Under Health Care Reform

Top 5 Sci-Fi Drugs

Den of Geek
<http://www.denofgeek.us/other/12573/top-10-sci-fi-drugs>

Top 5 Sci-Fi Drugs



5: Star Trek:??????

Top 5 Sci-Fi Drugs



5: Star Trek: 'Mudd's Women' (1966) – *The Venus Drug*
Intent: Make the user irresistibly attractive

Top 5 Sci-Fi Drugs



4: ????? – *Ephemerol*

Top 5 Sci-Fi Drugs



4: *Scanners* (1981) – *Ephemerol*
Intent: The relief of morning sickness in pregnant women.

Top 5 Sci-Fi Drugs



3: ???

Top 5 Sci-Fi Drugs



3: UFO (UK TV 1970) – 'The Amnesia Drug' - Pre Men in Black
Intent: Wipe out recent memory of unauthorized personnel who have discovered the existence of secret organization

Top 5 Sci-Fi Drugs

**2: ????
 1: ???? AFTER THE BREAK!**

Reality – Top 10 - 2016

2010 TOP TEN			2016 TOP TEN		
Drug	Revenue	Indication	Drug	Revenue	Indication
Plavix	\$6.1B	Cardiac/stroke	Rituxan	\$3.57B	Oncology
Lipitor	\$5.1B	High cholesterol	Humira	\$3.54B	Rheumatoid arthritis
Advair	\$4.1B	Asthma, chronic obstructive pulmonary disease	Avastin	\$3.45B	Oncology
Remicade	\$3.57B	Rheumatoid arthritis	Januvia/Janumet	\$3.42B	Diabetes
Seroquel	\$3.56B	Schizophrenia, bi-polar	Advair	\$3.27B	Asthma, chronic obstructive pulmonary disease
Abilify	\$3.4B	Bi-polar, depression	Revlimid	\$2.95B	Oncology
Actos	\$3.3B	Diabetes	Lantus	\$2.80B	Diabetes
Enbrel	\$3.2B	Autoimmune disorders	Enbrel	\$2.78B	Autoimmune disorders
Avastin	\$3.25B	Oncology	Remicade	\$2.62B	Rheumatoid arthritis
Singular	\$3.21B	Asthma	Atropa	\$2.56B	HIV

Figure 2

CVS Caremark 2012 Insights Report. Specialty Drugs Will Soon Dominate Pharmacy Spend. p 22. <http://viewer.zmags.com/publication/dde38afc/dde38afc1> Accessed January 26, 2013

Agenda

Moderator: Darlene Fujimoto, PharmD
UCSD Healthcare Department of Pharmacy

<p>Specialty Medications: Challenges & Opportunities in 2013</p> <p>Patient and Pharmacy Provider Perspective</p> <p>Veterans Health Administration Perspective</p> <p>Integrated Health Care Delivery System Perspective</p> <p>Panel Q & A/Discussion</p>	<p>Perry Cohen, PharmD Chief Executive Officer The Pharmacy Group</p> <p>Michael Rigas, PharmD Chief Clinical Officer KabaFusion and Home Care Services</p> <p>Phillip Streit, PharmD Pharmacy Program Specialist - Drug Accountability VHA, Pharmacy Benefits Management Services</p> <p>Robert Schoenhaus, PharmD Director, Pharmacy Benefits Administration Sharp Healthcare</p> <p>ALL</p>
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AFTER THE BREAK

Top 5 Sci-Fi Drugs



5: Star Trek: 'Mudd's Women' (1966) – *The Venus Drug*
Intent: Make the user irresistibly attractive

Top 5 Sci-Fi Drugs



4: Scanners (1981) – *Ephemeral*
Intent: The relief of morning sickness in pregnant women.

Top 5 Sci-Fi Drugs



3: UFO (UK TV 1970) – 'The Amnesia Drug' - *Pre Men in Black*
Intent: Wipe out recent memory of unauthorized personnel who have discovered the existence of secret organization

Top 5 Sci-Fi Drugs



2: ???? – *Soma*

Top 5 Sci-Fi Drugs



2: Brave New World – *Soma*
Intent: Keep the people sweet, placid and a little bit hippy.

Top 5 Sci-Fi Drugs



1:????

Top 5 Sci-Fi Drugs



1: ??? - *The Spice Melange*

Top 5 Sci-Fi Drugs



1: *Dune* (1984) - *The Spice Melange*

Intent: To fold space so that the enormous freighters of the Spacing Guild can cross vast distances without moving.