



LEBANESE UROLOGY SOCIETY
الجمعية اللبنانية للمسالك البولية

The 9th Congress of the Lebanese Urology Society

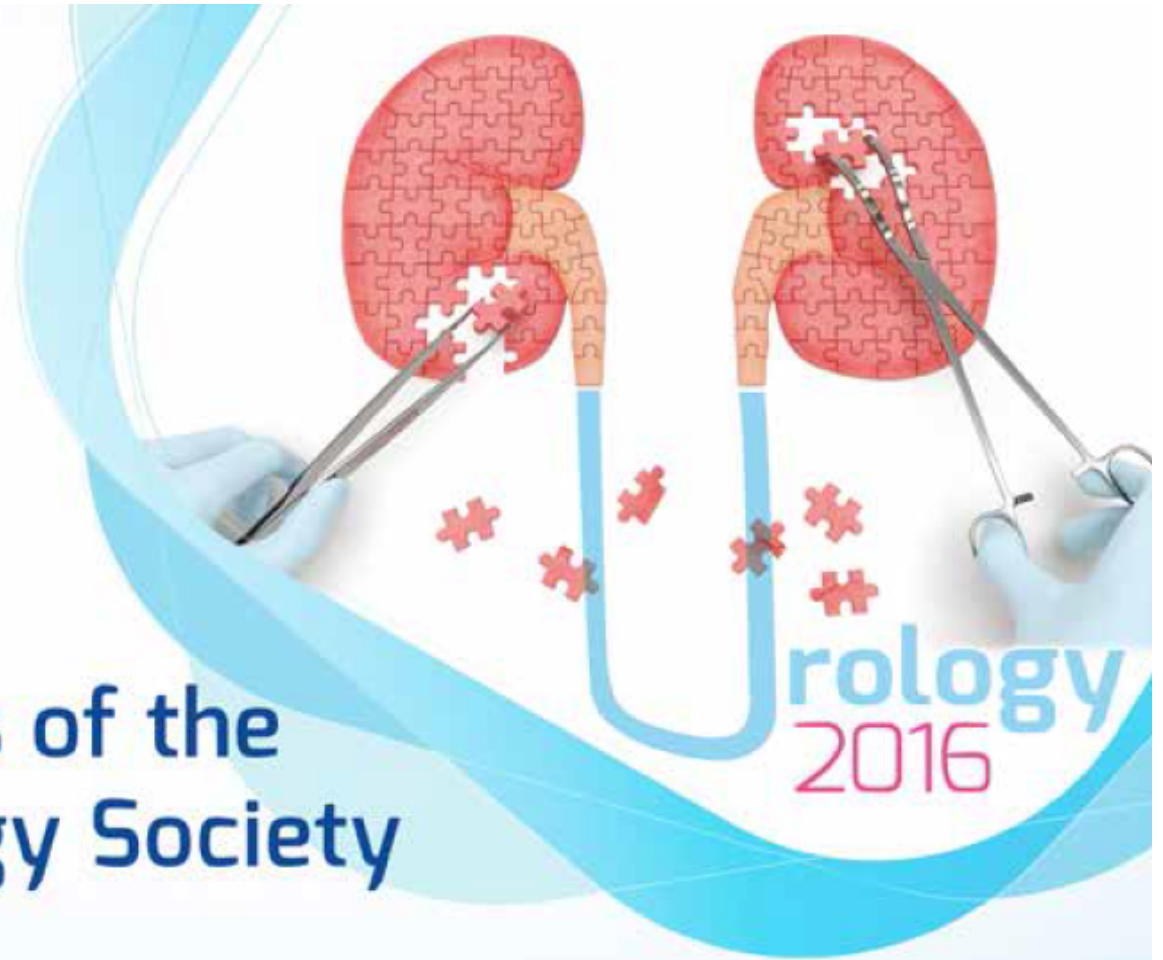
In collaboration with



Association
Française
d'Urologie
www.urofrance.org



European
Association
of Urology



Modern Multidisciplinary Patient Management

an Electronic MDT assistant

Fouad KHOURY MD

Uro-Oncology

Saint George Hospital UMC, Lebanon

OLV Hospital, Belgium



Disclosure

- I have provided services for different multinational companies including
 - Sanofi
 - Allergan
 - Astrazeneca

Background

- Multidisciplinary Team (MDT) approach
 - Bringing together a range of specialists
 - Discuss and agree on treatment recommendations
 - Collaborative development
 - Individual treatment Plan
 - Resource intensive

Barriers of MDT

- Time pressure
- Excessive caseload
- Low attendance at MDT meetings
 - Geographic barriers
- Poor teamwork and lack of leadership
- Poor data collection prior to MDT
 - Lack of important medical info
- Lack of consideration of holistic information about the patient
 - Comorbidities etc.

Barriers of MDT

- Resistance to change
- Communication with colleagues has been cited as a major source of stress in MDTs
- Poor communication within the team and role ambiguity
 - poor definition / understanding of roles within the team
 - can lead to dysfunctional teamwork

Solution?

- Programmed and encoded
 - Guidelines
 - Major Trials
 - Related to a certain case
- Web-Based Software
 - Build-in cases
 - All Data essential for MDT discussion is set
 - No more lacking medical info / Time efficient
 - Accessible from different locations
 - Cases can be discussed in the absence of attending physician

Solution?

- Depending on the specific input (i.e. patient profile)
 - Taking into consideration the entire electronic medical records of the patient including
 - Comorbidities
 - Cardiovascular / Renal / Hepatic status
 - Medications etc.
 - Interpretation is provided

Interpretation

1. Clear and Unique Decision Plan

- Straightforward cases / Consensus based on guidelines

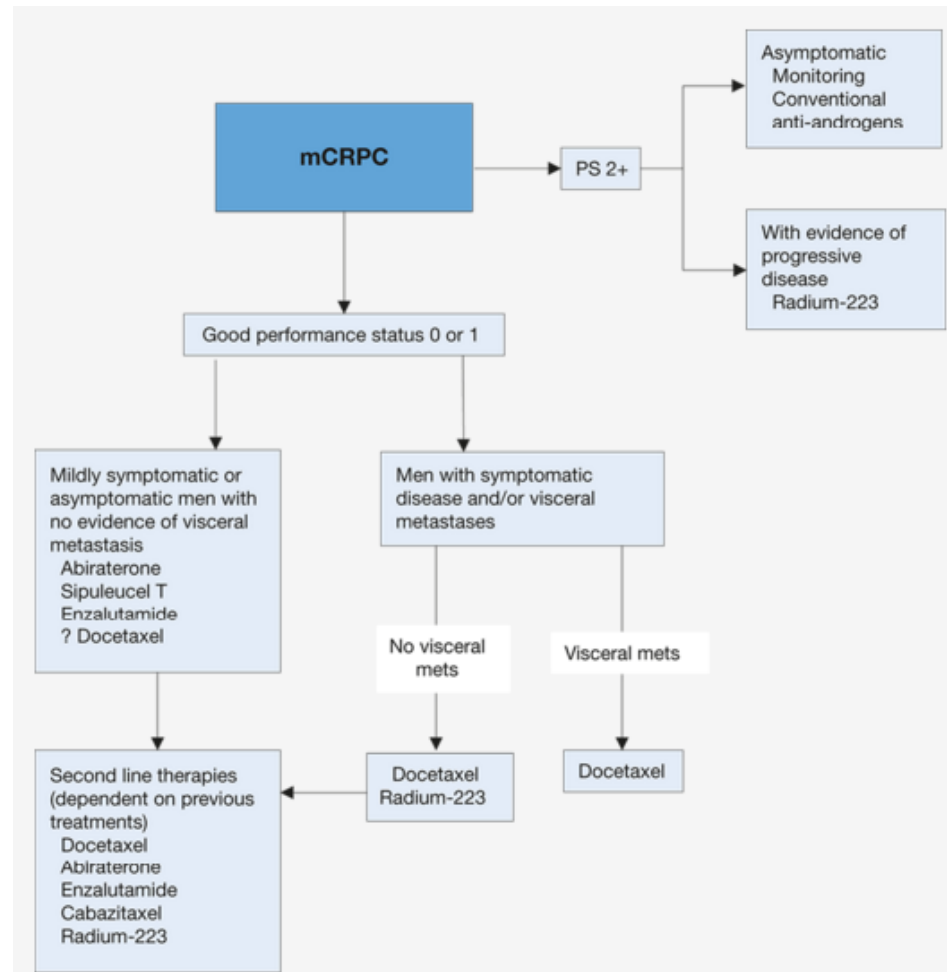
2. Multiple Decision Plans / Options

- Software may provide highlights in favor or against a certain decision
 - Guidance in the MDT discussion
- Inability of the software to provide highlights
 - MDT discussion and decision

Other Clinical Values

- All items are encoded
 - Used for Data Mining and Research purposes
 - No data gathering and retrieval from patient files
 - Data and Graphs are few clicks away
- Monitor treatment outcomes
 - Concordance / Discordant with MDT decision

Flowchart - EAU guidelines 2016



LIVE DEMO

Case Presentations

<http://www.medassist.smartemr.org>

Next Step

Second line Therapies for mCRPC