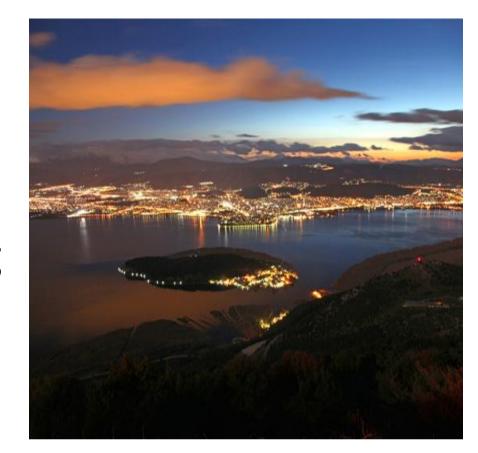
Αποδίδουν καλύτερα οι πολυτροπικές θεραπείες στην Ουρολογική ογκολογία;



Davide Mauri

Assoc Professor of Oncology, Medical School, University of Ioannina, Greece.

Disclosures

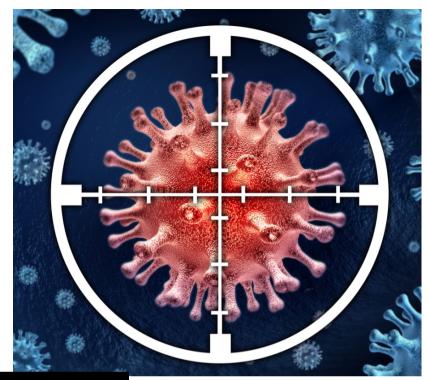
none

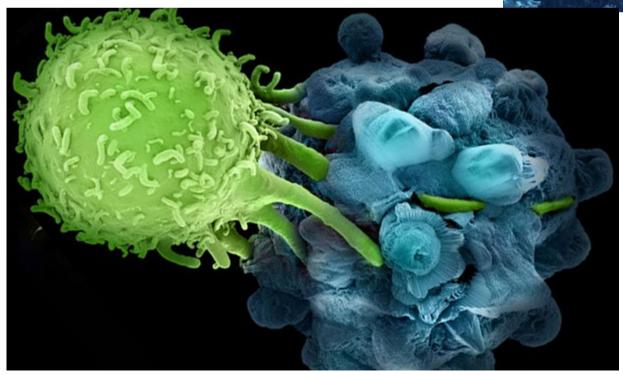
old concept ...



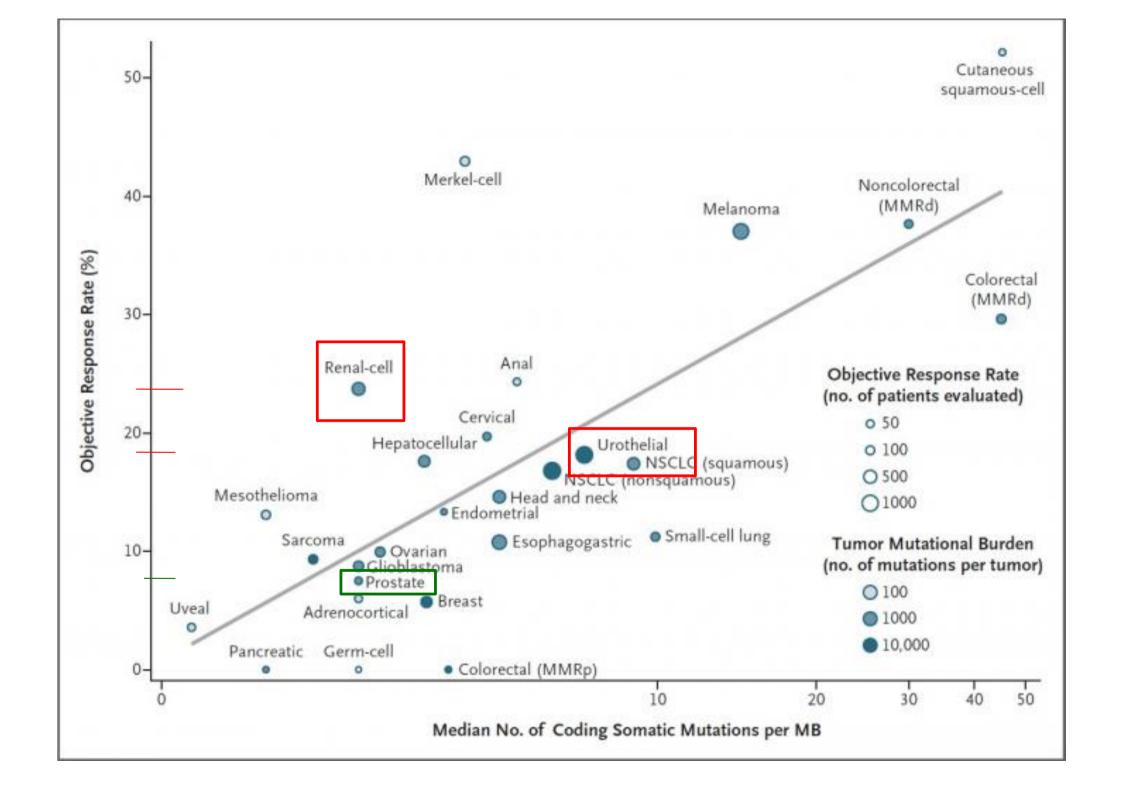
New treatment options...

Targeted treatments

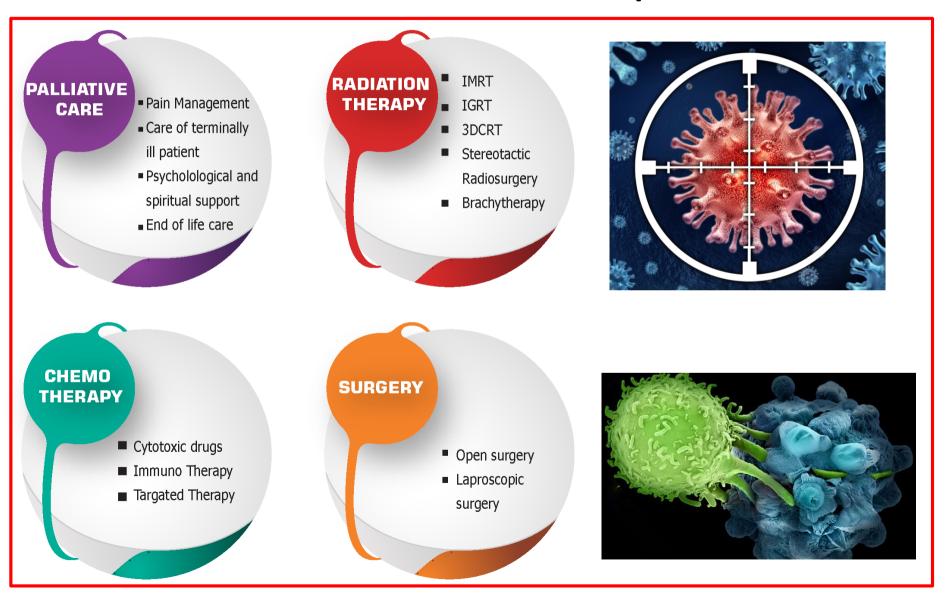




immunotherapy



how to integrate....? Aim: best benefit for patients



Team work....

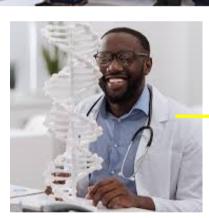


Wrong direction

Cooperation....is the best direction









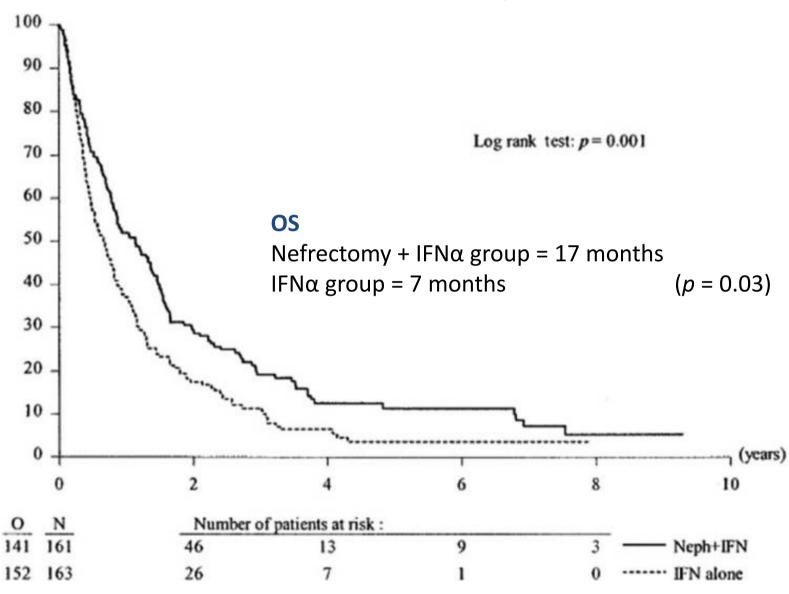








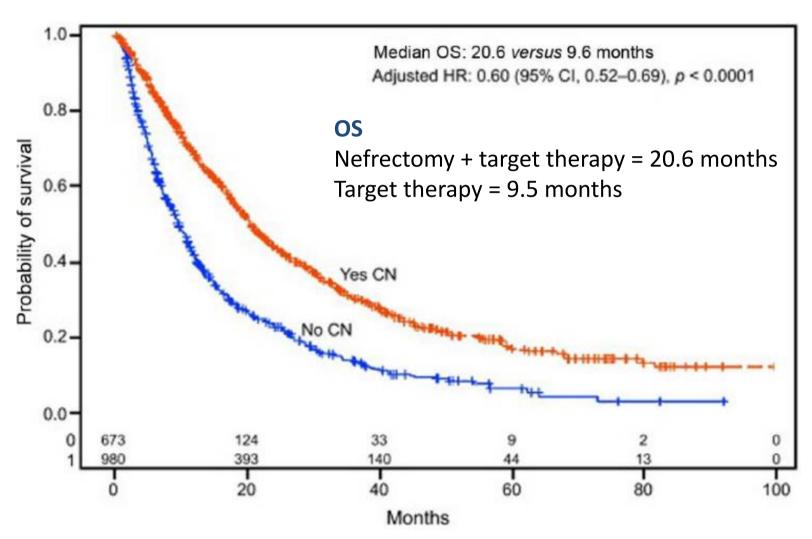
Metastatic RCC (past)



Combined analyzes EORTC and SWOG RCTs

Flanigan RC, J Urol. 2004

Metastatic RCC (up to last week)



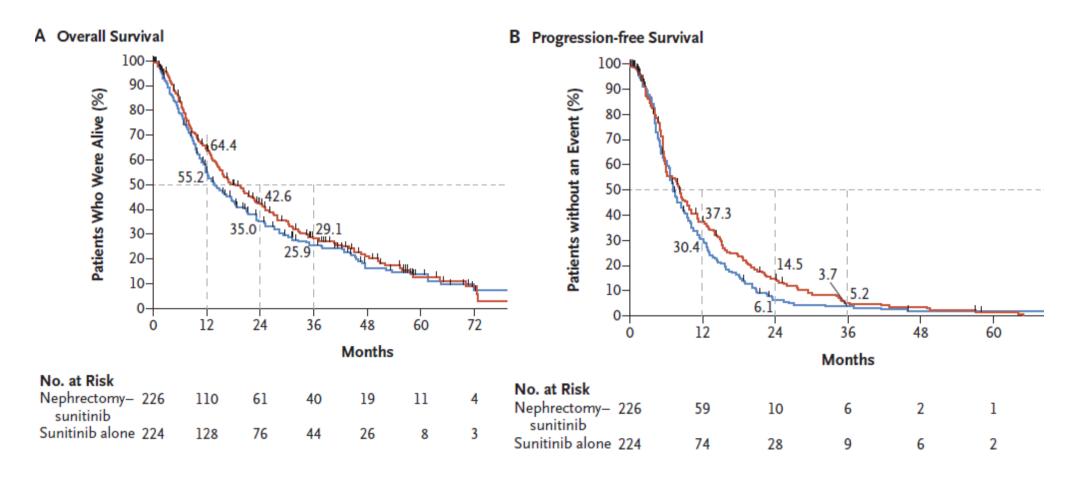
Retrospective study

Heng DY Eur Urol. 2014 Oct; 66(4):704-10.

From this week

ORIGINAL ARTICLE

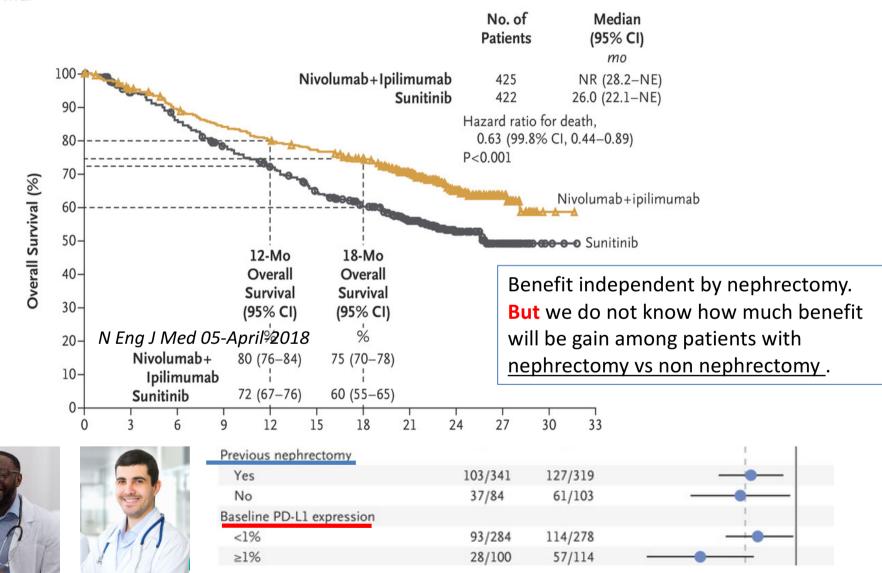
Sunitinib Alone or after Nephrectomy in Metastatic Renal-Cell Carcinoma

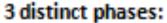


Metastatic RCC (next future)

median overall survival was not reached with nivolumab plus ipilimumab

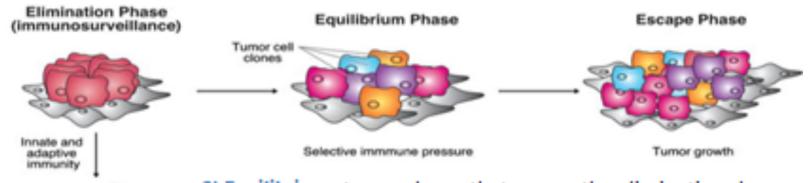
A Overall Survival





Elimination (immunosurveillance): innate and vormal cells adaptive immune responses recognize and destroy cancer cells suppressing tumor development. Cancer cells

Cancer immunoediting



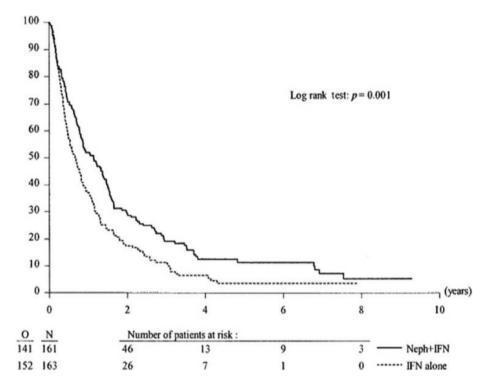
Carcinogenesis

- 2) Equilibrium: tumor clones that escape the elimination phase remain dormant, during which tumor growth does not occur but the immunogenicity of the tumor cells continues to be shaped by selective immune pressure.
- 3) Escape: tumor cell clones that are resistant to the immune system proliferate unchecked. Adapted with permission from:

Tumor suppression

Metastatic RCC (next future)

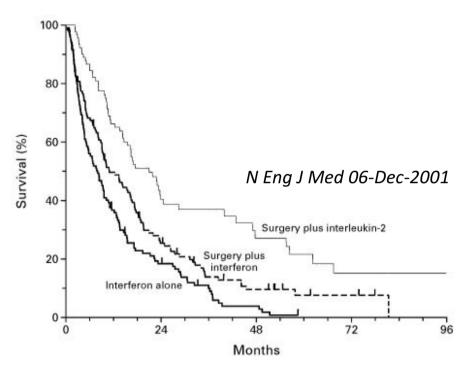
median overall survival was not reached with nivolumab plus ipilimumab



Nefrectomy + IFN α group = 17 months IFN α group = 7 months (p = 0.03)







nephrectomy
IL-2 2-year survival=25%, Cancer J Sci Am. 2000
IL-2 &TILs =55%,.

TILs → checkpoint inhibitors



Testicular cancer – germ cell non seminoma stage l

- Orchiectomy imperative
- Orchiectomy only ~45% relapse

Orchiectomy + 1 BEP ~ 2-5% of relapse



Jurgeon an needed



- Sperm Banking
- Psychologist
- Endocrinologist



We are not treating malignancies
But patients with malignant disease

GP cooperation in long term follow-up

metastatic testicular cancer – germ cell

Orchiectomy imperative

Orchiectomy only → Death

Orchiectomy + Chemo (74-80% 5y-OS)



- Sperm Banking
- **Psychologist**
- Endocrinologist

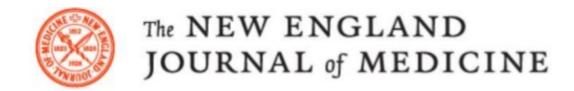


GP cooperation in long term follow-up





Stage		5-year relative survival
localized	Confined to testicl.	99%
regional	spread to lymph nodes	96%
distant	spread to organs or lymph nodes far from the testicle (e.g. lungs).	74%



HOME

ARTICLES & MULTIMEDIA ~

ISSUES +

SPECIALTIES & TOPICS +

No. at Risk

M-VAC and cystectomy

Cystectomy alone

FOR AUTHORS

CME

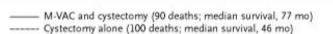
ORIGINAL ARTICLE

Neoadjuvant Chemotherapy plus Cystectomy Compared with Cystectomy Alone for Locally Advanced Bladder Cancer

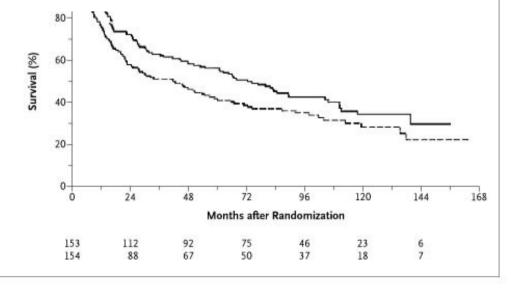
H. Barton Grossman, M.D., Ronald B. Natale, M.D., Catherine M. Tangen, Dr.P.H., V.O. Speights, D.O., Nicholas J. Vogelzang, M.D., Donald L. Trump, M.D., Ralph W. deVere White, M.D., Michael F. Sarosdy, M.D., David P. Wood, Jr., M.D., Derek Raghavan, M.D., Ph.D., and E. David Crawford, M.D.
N Engl J Med 2003; 349:859-866 | August 28, 2003 | DOI: 10.1056/NEJMoa022148



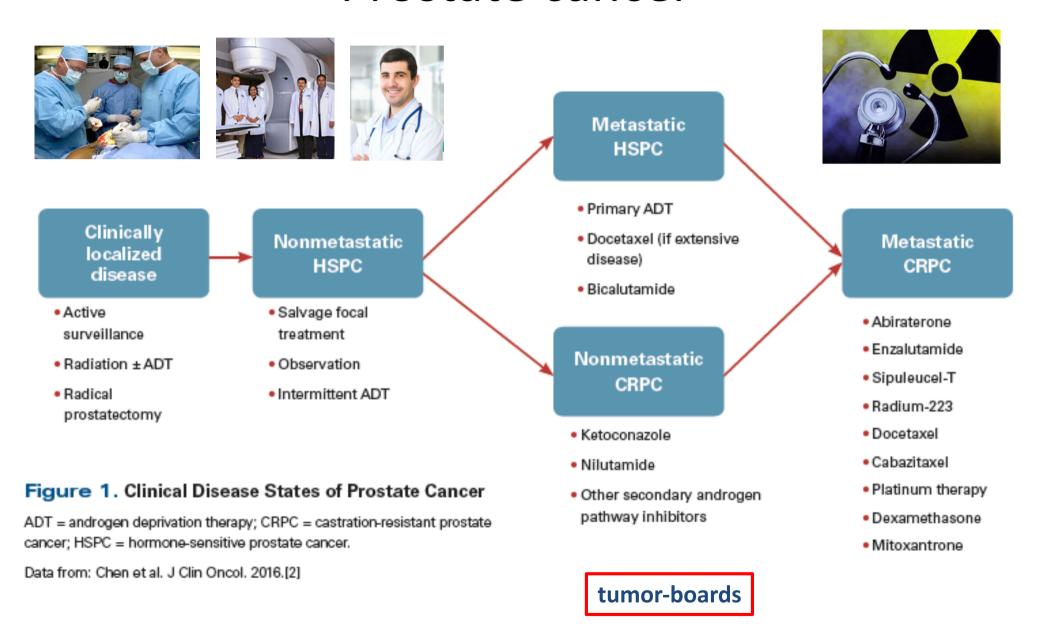
 Result: median survival with surgery alone was 46 months, 77 months with combination therapy







Prostate cancer



Multimodality treatment is not a novelty for urologists

Poly-trauma

Pediatric urology

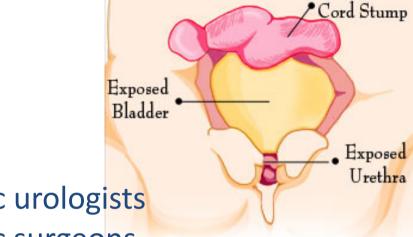
complex bladder exstrophy and epispadias

- protrusion of the urinary bladder through a defect in the abdominal wall
- bony pelvis defects
- pelvic floor defects
- Genitalia defects

Require:

Many surgical intervention Many surgical correction Radiological evaluations....

Psychological support Social support (patient/families)



Umbilical

Pediatric urologists

Pediatric surgeons

Gynecologists

Vascular surgeons

Orthopedics

Psychologists

Social assistants

Expert radiologists

Plastic surgeons

Anesthesiologists

Nephrologists

Working together is better for our patients' outcome





Nice cooperation with interactive tumor-boards