

CASE 2

Dr. Filip Poelaert

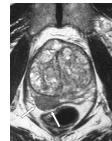
CASE 2



Male, 69 years old



9/2015 Prostate cancer
cT3, iT2a iN0
GG4 (Gl 4+5, 3/12+)
PSA 7.38



WHAT TO DO?



1. Watchfull waiting
2. CT + bone scan
3. PSMA PET-CT
4. RP
5. EBRT
6. ADT

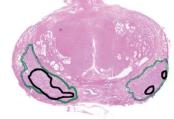
CASE 2



Male, 69 years old

09/2015 PCa iT2a cN0MO GG4 iPSA 7.38

> RA radical prostatectomy + PLND (10/2015):
pT2c pN1 (1/15)
GG4 (Gl 4+4)
R0



WHAT TO DO?

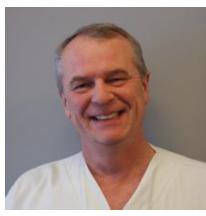


1. ADT
2. Adjuvant wpRT
3. Adjuvant wpRT + ADT
4. ADT + abiraterone
5. PSA surveillance
6. Watchfull waiting

CASE 2



- The view of the Urologist



The Role of Radical Prostatectomy and Lymph Node Dissection in Lymph Node-Positive Prostate Cancer: A Systematic Review of the Literature

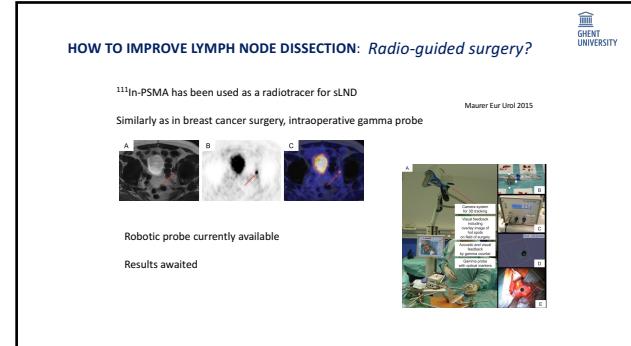
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Table 1 - Overview of most recent series reporting survival in patients with high-risk prostate cancer according to treatment regimen

	5 yr	10 yr	5 yr	10 yr	5 yr	10 yr
Cheng et al. [19]	—	—	9.8	9.7	7.4	5.9
de la Taille et al. [20]	RP + ADT	—	9.8	9.7	7.4	5.9
de la Taille et al. [20]	RP + ADT + Neoadjuvant RT	—	9.8	9.7	7.4	5.9
de la Taille et al. [20]	RP + ADT + Neoadjuvant RT + LND	—	9.8	9.7	7.4	5.9
Brennan et al. [21]	RP + RT	94-100	74-75	—	83-89	76-79
Brennan et al. [21]	RP + ADT	90	88	—	88	85
Messing et al. [22]	RP + ADT	89	79	96	87	84
n = 100 with pT+	RP + ADT	74	54	76	59	50
Sipione et al. [23]	ADT + radical prostatectomy	93	74	94	79	—
Intermediate risk patients	—	—	—	—	—	—
n = 1000	—	—	—	—	—	—
Schumacher et al. [24]	RP + RT	83.5-98.5	52.0	94.5	66.1	—
n = 1000	RP + RT + LND	82.5-98.5	74.0-77.9	94.0-93.2	72.1-79.3	—
De Prijck et al. [25]	RP + ADT	87	87	90	87	84
n = 703	RP + ADT + RT	94	87	90	82	71
De Prijck et al. [25]	RP + ADT + RT + LND	93	85	95	84	74
De Prijck et al. [25]	ADT + RT + LND	—	—	91.4	73.0	69.3
De Prijck et al. [25]	ADT + RT + LND + LND	—	—	94.4	76.2	74.2
Ergul et al. [27]	RP + ADT + RT	8.6	0.4	10.0	0.0	9.0
n = 100	RP + ADT + RT + LND	40	28	44	27	41
Steinberg et al. [17]	RP + ADT	—	—	9.4	76	27
Steinberg et al. [17]	RP + ADT + RT	—	—	9.4	76	27

ADT = androgen deprivation therapy; LND = lymph node dissection; RT = radiotherapy.

Georgios Gakis^{a,b}, Stephen A. Boorjian^a, Alberto Briganti^c, Steven Joniau^d, Guram Karanashvili^e, R. Jeffrey Karnes^d, Agostino Mattei^f, Shulrokh F. Sharari^a, Arnulf Stenzl^a, Manfred Wirth^a, Christian G. Stief^a. Eur Urol. 2014



CASE 2

Male, 69 years old

> RALP+PLND 10/2015: pT2c pN1 (1/15) R0 GG4

3wk postop: 1 pad /d, no erections
3mo postop: fully continent, no erections
PSA evolution:

12/2015	0.02
03/2016	0.04
07/2016	0.10

WHAT TO DO?

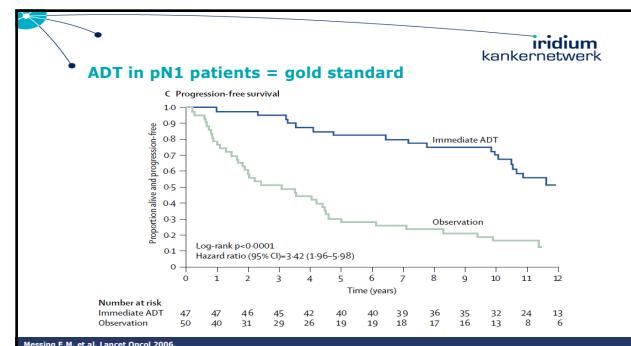
Ghent University

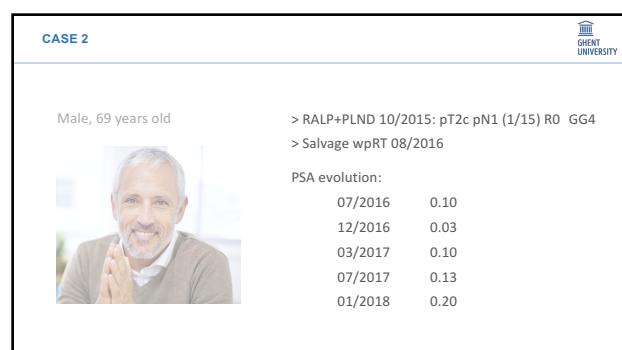
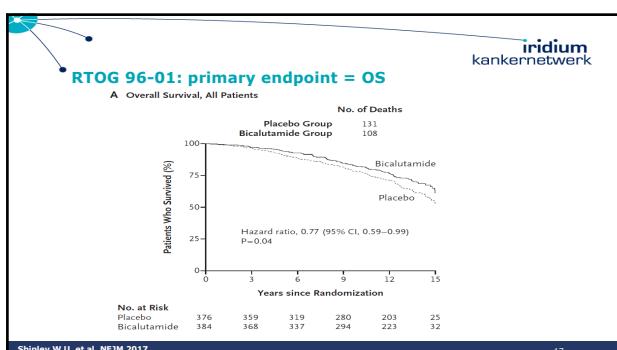
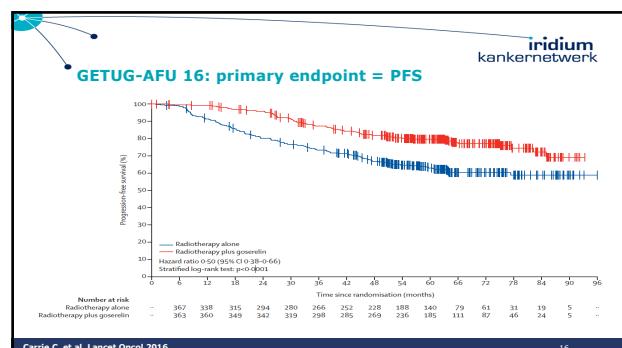
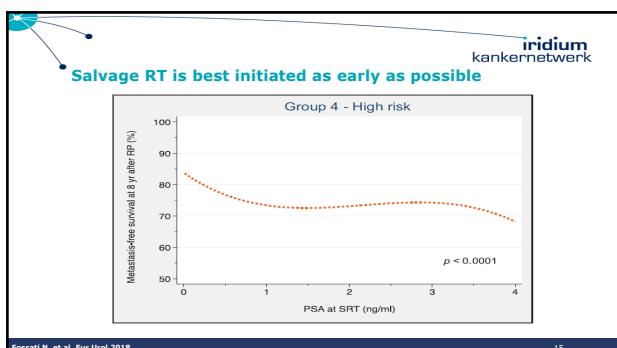
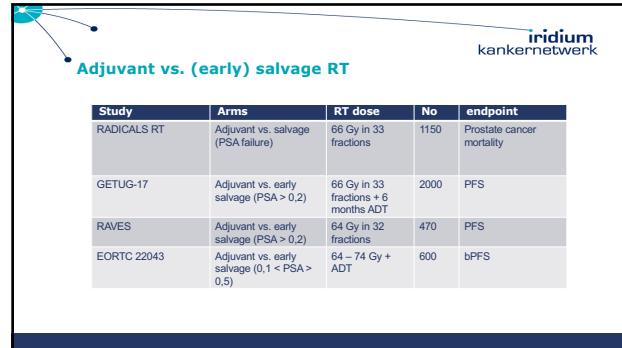
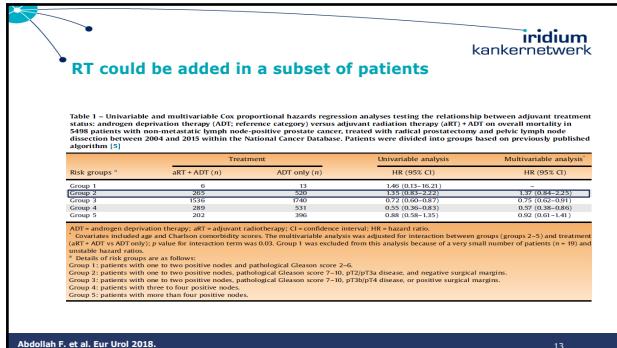
1. ADT
2. Salvage wpRT
3. Salvage wpRT + ADT
4. ADT + abiraterone
5. PSA surveillance
6. Watchfull waiting
7. PSMA PET-CT

CASE 2

- The view of the Radiation Oncologist

Early or Salvage?





WHAT TO DO?

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1. ADT
2. ADT + abiraterone
3. PSA surveillance
4. Watchfull waiting
5. PSMA PET-CT
6. CT + Bone scan

CASE 2

GHENT UNIVERSITY

Male, 69 years old

> RALP+PLND 10/2015: pT2c pN1 (1/15) R0 GG4
> Salvage wpRT 08/2016

PSMA PET-CT 02/2018: bone lesion 4th right rib




WHAT TO DO?

GHENT UNIVERSITY

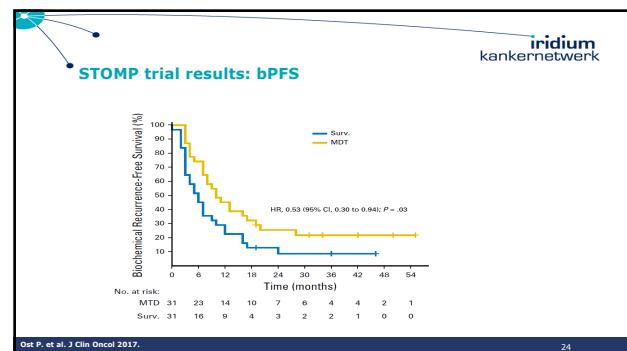
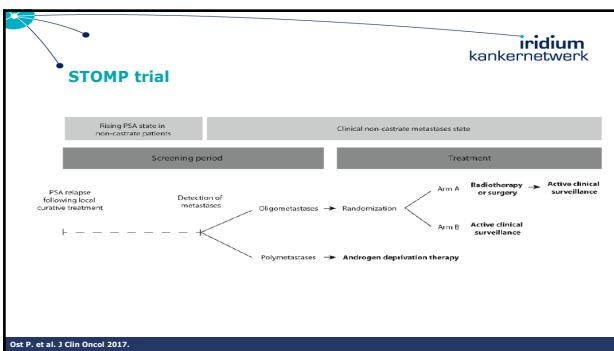
1. ADT
2. ADT + abiraterone
3. ADT + docetaxel
4. SBRT
5. SBRT + ADT
6. PSA surveillance
7. Watchfull waiting

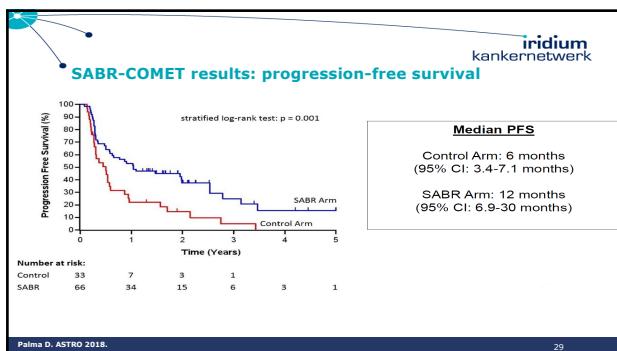
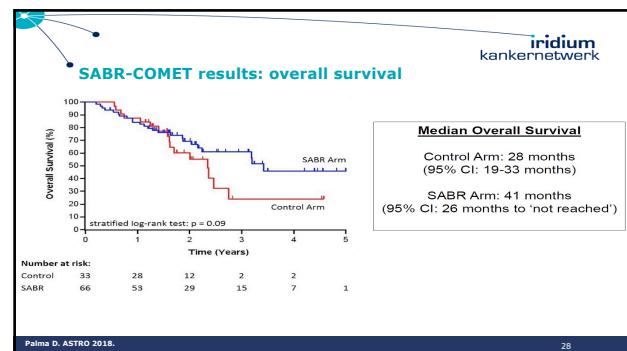
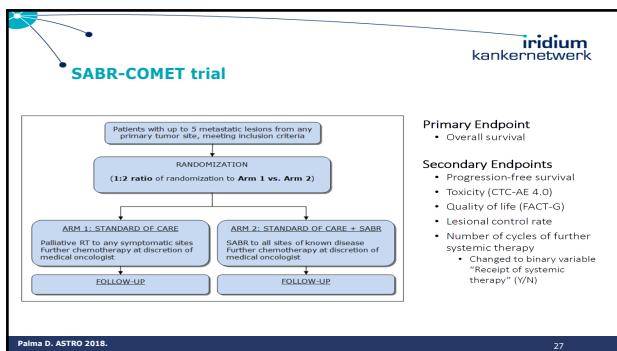
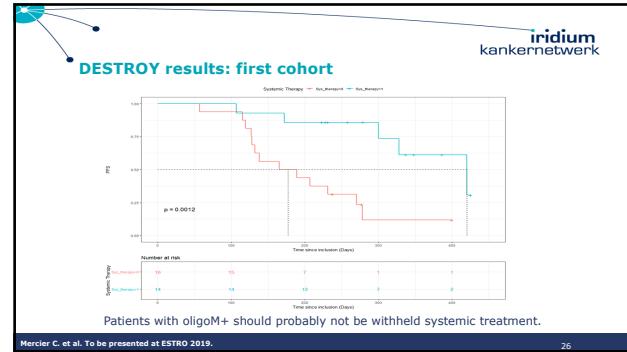
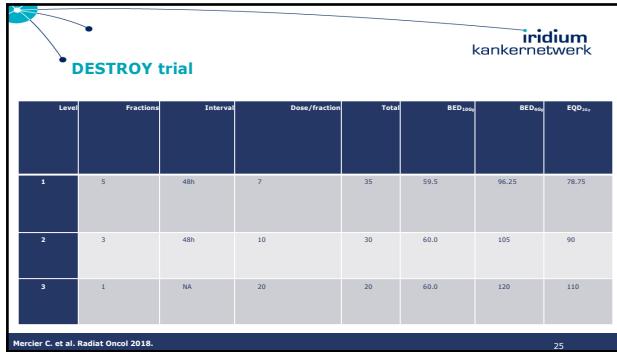
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GHENT UNIVERSITY

• The view of the Radiation Oncologist

You said SBRT?

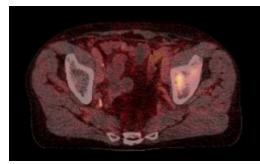


WHAT TO DO?

1. ADT
2. ADT + abiraterone
3. PSA surveillance
4. Watchfull waiting
5. PSMA PET-CT
6. CT + Bone scan
7. Whole body MRI

CASE 2

Bone scan 09/2018: new bone lesion left acetabulum
PSMA PET-CT 09/2018:



WHAT TO DO?

1. ADT
2. ADT + abiraterone
3. ADT + docetaxel
4. SBRT
5. SBRT + ADT
6. PSA surveillance
7. Watchfull waiting

CASE 2

WHAT TO DO?



Systemic treatment or not?

6.4.9. Guidelines for the first-line treatment of metastatic disease

Recommendations	Strength rating
In M1 symptomatic patients, offer immediate systemic treatment to palliate symptoms and reduce the risk for potentially serious sequelae of advanced disease (spinal cord compression, pathological fractures, ureteral obstruction, constitutional pain).	Strong
Offer luteinizing hormone-releasing hormone (LHRH) antagonists, especially to patients with an impending spinal cord compression or bladder outlet obstruction.	Weak
In asymptomatic patients, offer immediate systemic treatment to improve survival, defer progression to a symptomatic stage and prevent serious disease progression-related complications.	Strong
In M1 asymptomatic patients, discuss deferred castration with a well-informed patient who understands the treatment side-effects, provided the patient is closely monitored.	Weak
In M1 patients treated with a LHRH agonist, offer short-term administration of anti-androgen therapy at the time of the initial presentation.	Weak
Do not offer anti-androgen monotherapy for M1 disease.	Strong
Offer castration combined with chemotherapy (docetaxel) to all patients whose first presentation is M1 disease and who are fit enough for docetaxel.	Strong
Offer castration combined with abiraterone acetate plus prednisone to all patients without first presentation M1 disease and who are fit enough for the regimen.	Strong
Offer castration alone, with or without an anti-androgen, to patients unfit for, or unwilling to consider, castration combined with docetaxel or abiraterone acetate plus prednisone.	Strong

Mottet N et al; EAU guidelines 2018
retrieved from <https://uroweb.org/guidelines/prostate-cancer/> accessed 02.12.2018