

Il trattamento della malattia localmente avanzata inoperabile

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ISTITUTI DI RICOVERO E CURA A CARATTERE SCIENTIFICO



Congresso Nazionale sul carcinoma del polmone

CARCINOMA DEL POLMONE: QUALI NOVITÀ NEL 2023?

9 OTTOBRE 2023

VERONA

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PATROCINI RICHIESTI ACOI - AIPO - AIOT - SIAPEC - IAP

Disclosures

Doctor Minuti G. discloses the following conflicts of interest:

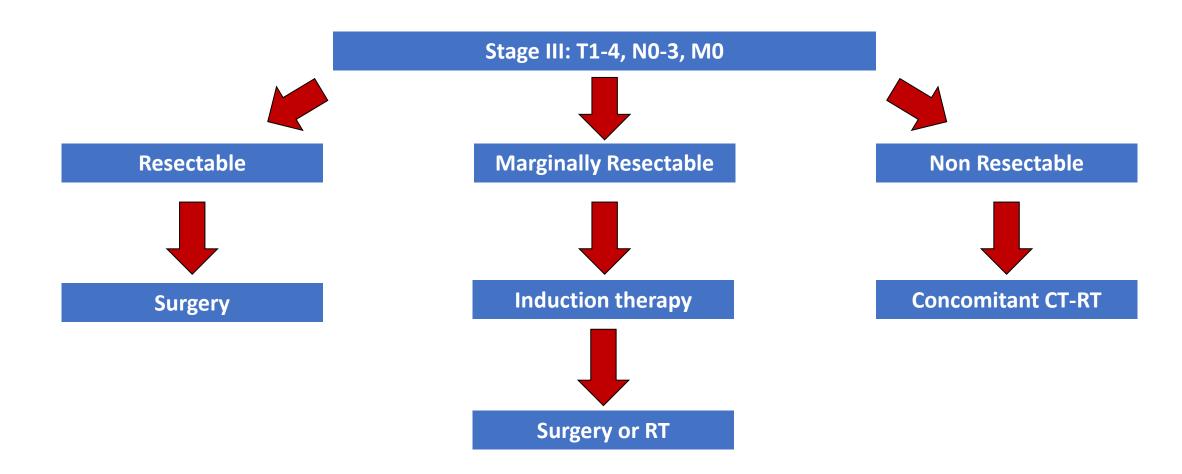
Fees for membership of an advisory board or lectures from

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Gilead, Sanofi, Novartis



Stage III NSCLC: one stage for many diseases





SEPTEMBER 9-12, 2023 | SINGAPORE



Consensual definition of stage III NSCLC Resectability: EORTC-Lung Cancer Group initiative with other scientific societies

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	NO	N1	N2 SINGLE (non-bulky, non-invasive)	N2 MULTI (non-bulky, non-invasive)	N2 BULKY¶	N2 INVASIVE	N3
T1-2	NOT STAGE III DISEASE	NOT STAGE III DISEASE	RESECTABLE	POTENTIALLY RESECTABLE*	UNCLEAR	UNRESECTABLE	UNRESECTABLE
T3 size / satellite / invasion	NOT STAGE III DISEASE	RESECTABLE	RESECTABLE	POTENTIALLY RESECTABLE*	UNRESECTABLE	UNRESECTABLE	UNRESECTABLE
T4 size / satellite	RESECTABLE	RESECTABLE	RESECTABLE	POTENTIALLY RESECTABLE*	UNRESECTABLE	UNRESECTABLE	UNRESECTABLE
T4 invasion	POTENTIALLY RESECTABLE§	POTENTIALLY RESECTABLE§	POTENTIALLY RESECTABLE§	POTENTIALLY RESECTABLE*§	UNRESECTABLE	UNRESECTABLE	UNRESECTABLE

^{*}Multiple station N2: case-by-case discussion; the exact number of nodes/stations cannot be defined

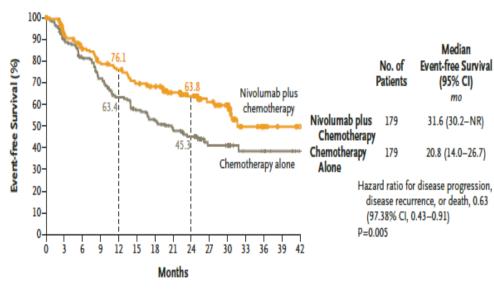
[§]Some **T4 tumours by infiltration of major structures** are potentially resectable – see Table 1



Bulky N2: lymph nodes with a short-axis diameter >2.5-3 cm; in specific situations of highly selected patients, including those patients in multidisciplinary trials with surgery as local therapy can be discussed

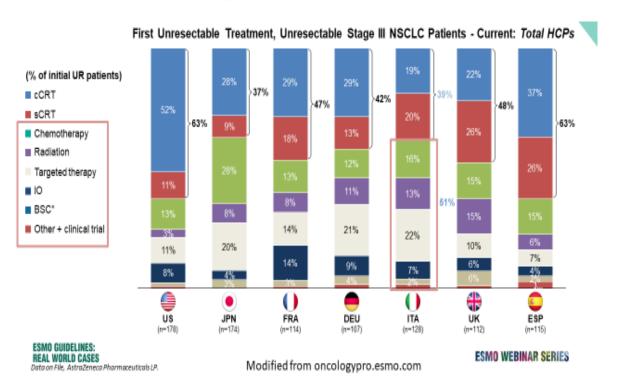
Two main crucial points in stage III

1. Chemo-IO in <u>resectable</u> Stage III disease



No. at Risk
Nivolumab plus chemotherapy 179 151 136 124 118 107 102 87 74 41 34 13 6 3 0
Chemotherapy alone 179 144 126 109 94 83 75 61 52 26 24 13 11 4 0

2. Underpowered CRT regimen in <u>unresectable</u> Stage III are still used



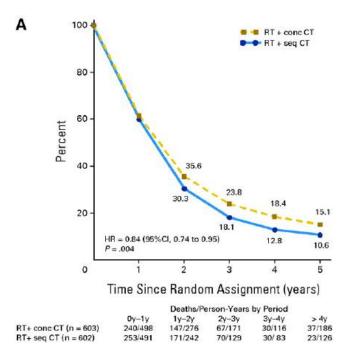
CheckMate 816

Italy < 30% cCRT



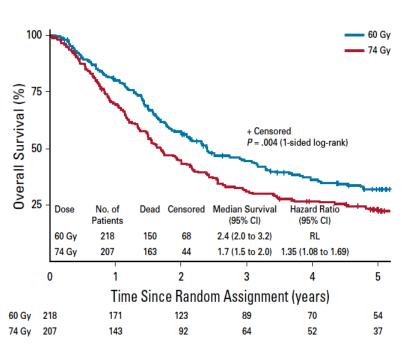
Changes in the treatment paradigm for unresectable stage III NSCLC

Older CRT studies (< 2005)

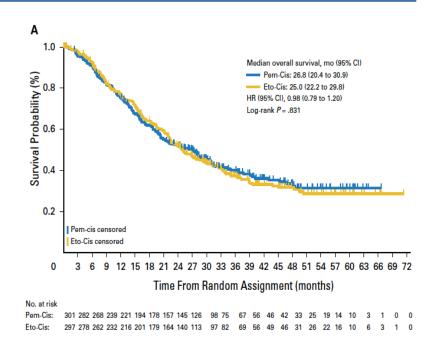


cCRT vs sCRT meta-analysis

Modern cCRt (2005-2018)



RTOG 0617: 60 vs. 74 Gy



PROCLAIM: cis-pem vs. cis-eto for non-squamous



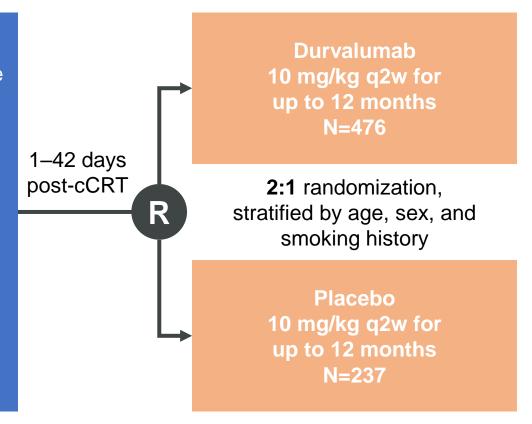
Auperin et al, JCO 2010 Senan et al, JCO 2016 Bradley et al, JCO 2021

PACIFIC phase 3 study design

- Unresectable, Stage III NSCLC without progression after definitive platinum-based cCRT (≥2 cycles)
- 18 years or older
- WHO PS score 0 or 1
- If available, archived pre-cCRT tumor tissue for PD-L1 testing*

All-comers population (i.e. irrespective of PD-L1 status)

N=713 randomized



Primary endpoints

- PFS by BICR using RECIST v1.1†
- OS

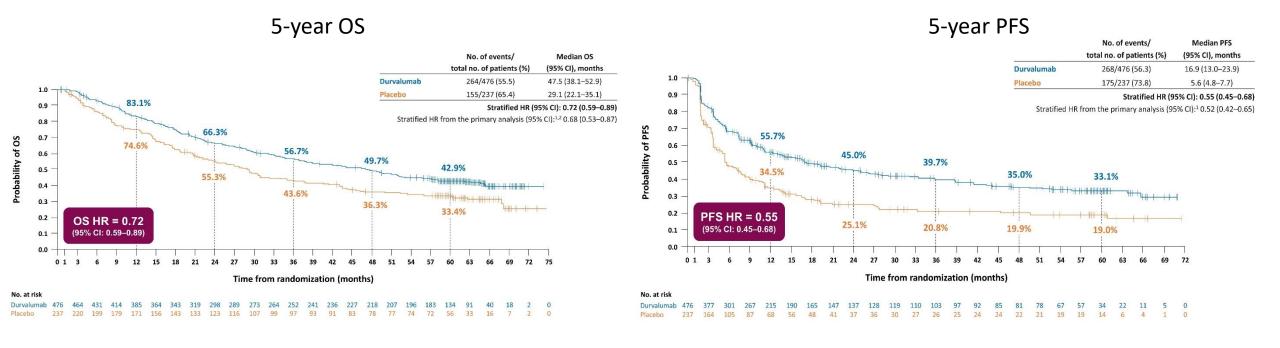
Key secondary endpoints

- ORR, DoR and TTDM by BICR
- PFS2 by investigator
- Safety
- PROs

BICR, blinded independent central review; cCRT, concurrent chemoradiotherapy; DoR, duration of response; NSCLC, non-small-cell lung cancer; ORR, objective response rate; OS, overall survival; PD-L1, programmed death ligand 1; PFS, progression-free survival; PFS2, time to second objective disease progression; PRO, patient-reported outcome; q2w, once every 2 weeks; R, randomization; RECIST, Response Evaluation Criteria in Solid Tumors; TTDM, time to death or distant metastasis; WHO PS, World Health Organization performance status



Chemoradiotherapy followed by consolidation durvalumab is the standard of care in unresectable stage III NSCLC



- 28% Reduction in the risk of death
- Median OS 47.5 months
- 5-yr OS rate 42.9%

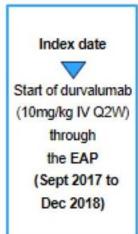
- 45% Reduction in the risk of progression
- Median PFS 16.9 months
- 5-yr PFS rate 33.1%

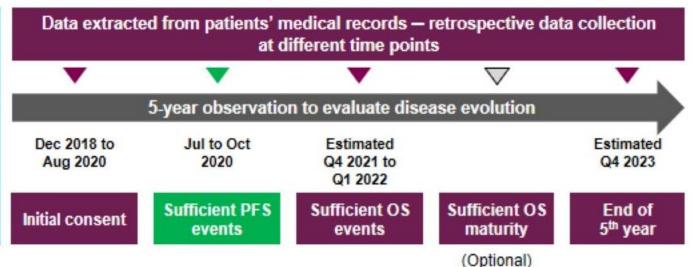
Does PACIFIC fit Real World?

PACIFIC-R: An International, Observational Study

Patient population
Unresectable,
Stage III NSCLC,
regardless of turnour
PD-L1 expression

No evidence of
progression
following definitive,
platinum-based CRT*





Endpoints

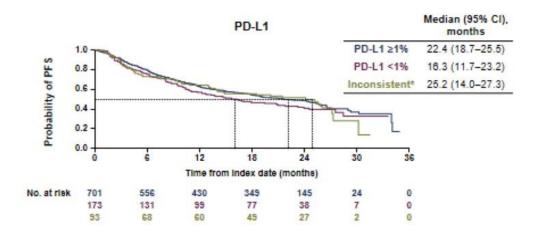
Primary: investigatorassessed PFS; OS

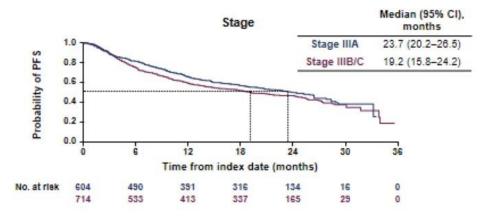
Key secondary: demographics; disease characteristics; prior therapy; PFS/OS by subgroups; AESIs

- 1,399 patients included in the full analysis set (FAS) from 290 active sites in 11 participating countries
 - France (n=342), Spain (244)[†], Australia (165), Netherlands (155), Belgium (118), Italy (116), Israel (92), Germany (62), UK (54), Norway (36), and Switzerland (15)

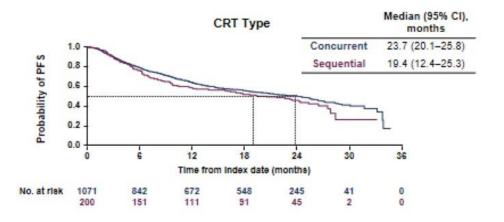


Real-word PFS by Subgroup





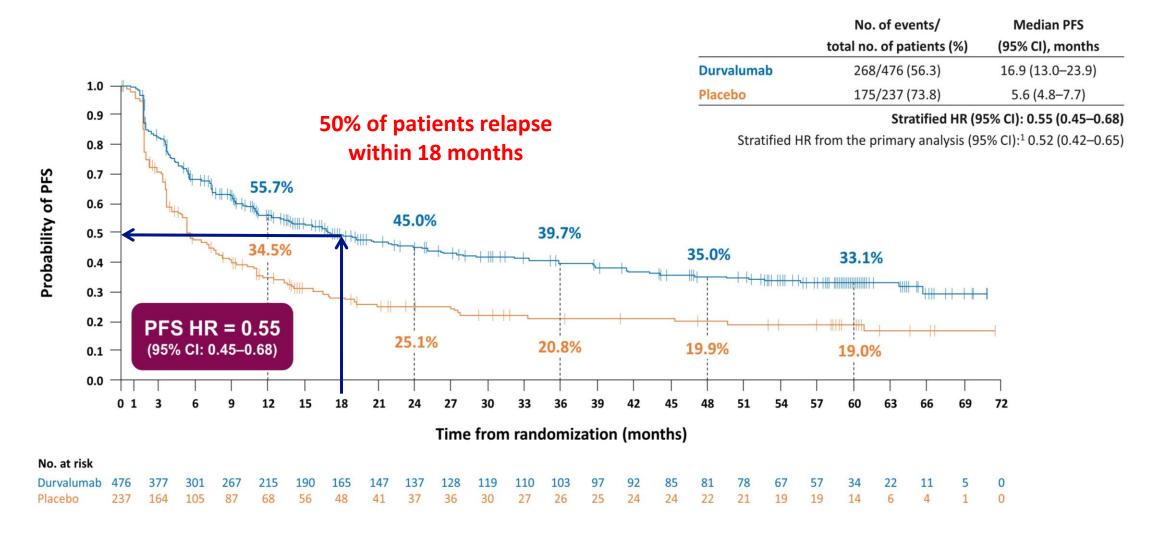




R-PACIFIC PACIFIC Median PFS, months 21.7 16.9 95% CI 19.2–24.5 13.0–23.9



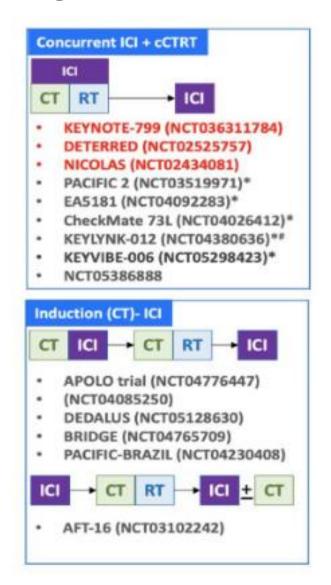
Durvalumab consolidation: can we improve the results?

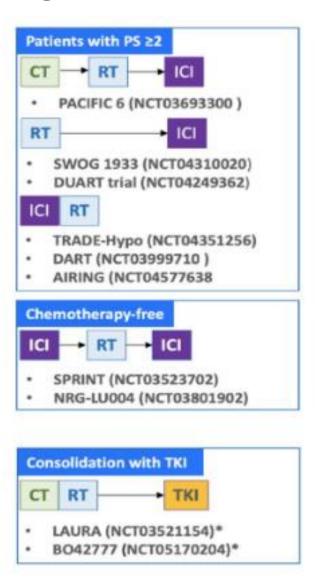




Future strategies in unresectable stage III

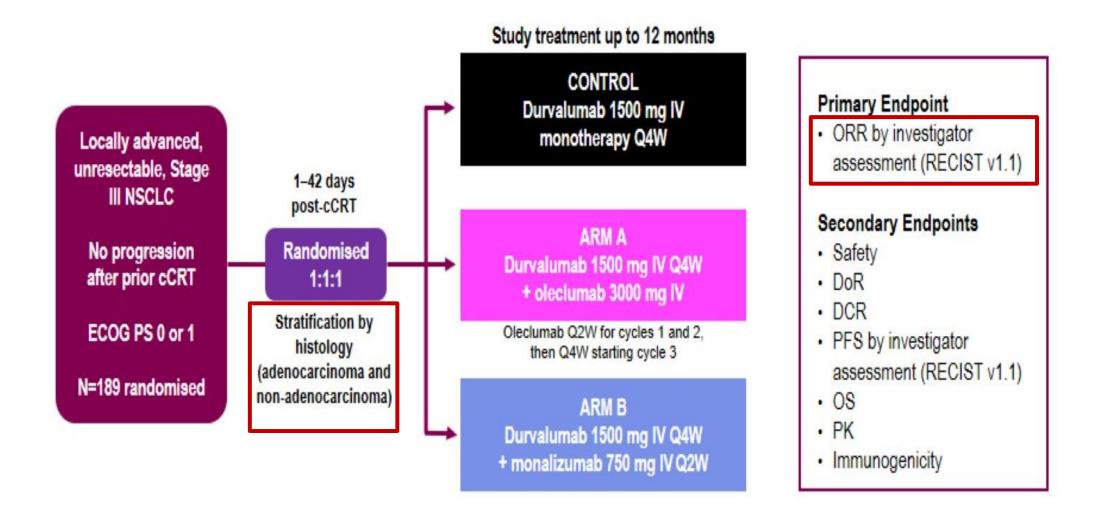








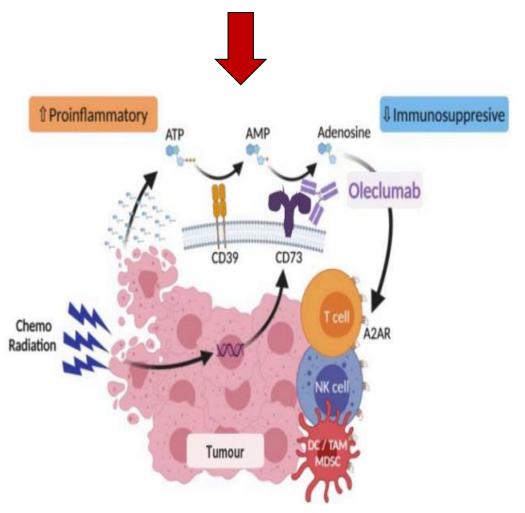
COAST: Phase II, randomized open-label study





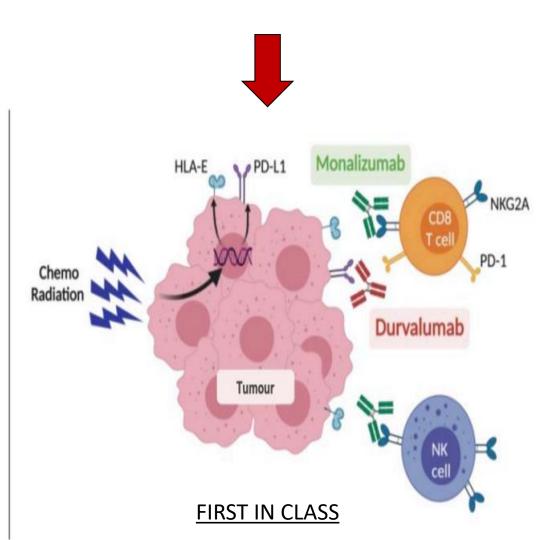
OLECLUMAB anti-CD73

Reduce extracellular adenosine production Promotes antitumor immunity



MONALIZUMA blocks NKG2A

Reduce inhibition of NK and CD8+ T cells

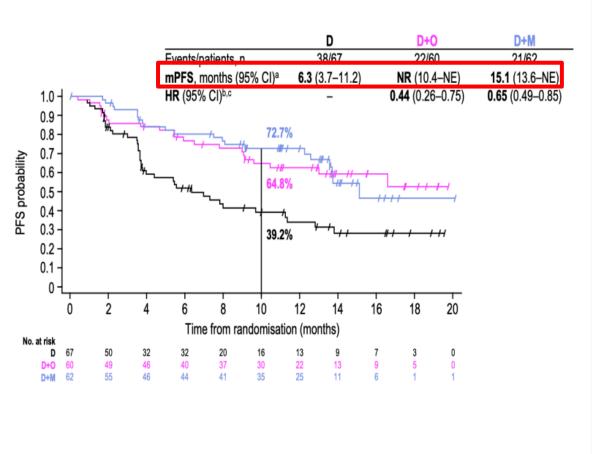




COAST: ORR, PFS and Safety

Antitumor activity	D (n = 67)	D+O (n = 60)	D+M (n = 62)
Confirmed ORR	17.9	30	35.5
DCR 16 weeks	58.2	81.7	77.4
Median DoR (months)	NR	12.9	NR
mPFS	6.3	NR	15.1
HR	-	0.44	0.65

Incidence, n (%)	D (n = 66)	D+O (n = 59)	D+M (n = 61)
Any TEAEs	65 (98.5)	57 (96.6)	61 (100)
Grade 3 TEAEs	26 (39.4)	24 (40.7)	17 (27.9)
Study drug-related AEs	49 (74.2)	46 (78.0)	50 (82.0)
Study drug-related SAEs	6 (9.1)	7 (11.9)	5 (8.2)
AEs leading to discontinuation	11 (16.7)	9 (15.3)	9 (14.8)
Deaths*,†	7 (10.6)	4 (6.8)	3 (4.9)

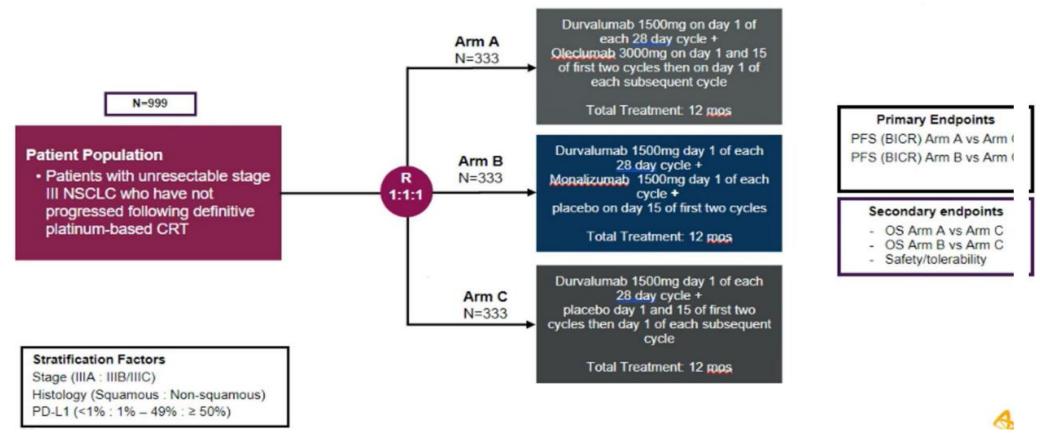




Median follow-up 11.5 months
Interim Analysis performed a 10-month minimum potential follow-up

PACIFIC-08, study design Durvalumab + Oleclumab/Placebo or Monalizumab/Placebo in Stage III unresectable NSCLC

Phase III, double-blind, multicenter international study of durvalumab + <u>oleclumab</u> and durvalumab + <u>monalizumab</u> for the treatment of patients who have not progressed following concurrent chemoradiation treatment for locally-advanced, stage III, unresectable NSCLC.





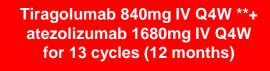
SKYSCRAPER-03 (GO41854), study design: durvalumab versus tiragolumab + atezolizumab in Stage III unresectable NSCLC

Stage III unresectable NSCLC

- Without progression after platinum-based CRT (≥2 cycles)
- Known PD-L1 status
- ECOG PS 0-1
- Excludes EGFR/ALK+ patients

N=~800*

Randomised within 1–42 days after last dose of cCRT



Durvalumab 10mg/kg IV Q2W for 13 cycles (12 months)

Stratification factors:

- PD-L1 status (<1% vs ≥1%)
- ECOG PS (0 vs 1)
- Staging (IIIA vs IIIB or IIIC)
- Histology (NSQ vs SQ)

Primary endpoint:

1:1

• PFS (IRF-assessed)

** Anti TIGIT Mab

Secondary endpoint:

- OS
- PFS (INV-assessed)
- Confirmed ORR
- DoR
- Landmark PFS/OS

Time to death or distant metastasis

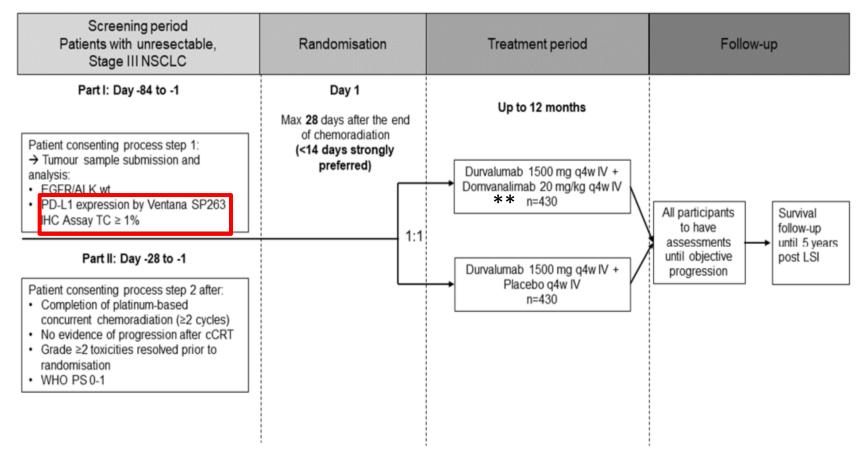
Treat until progression

or unacceptable toxicity

- Time to confirmed deterioration
- Safety



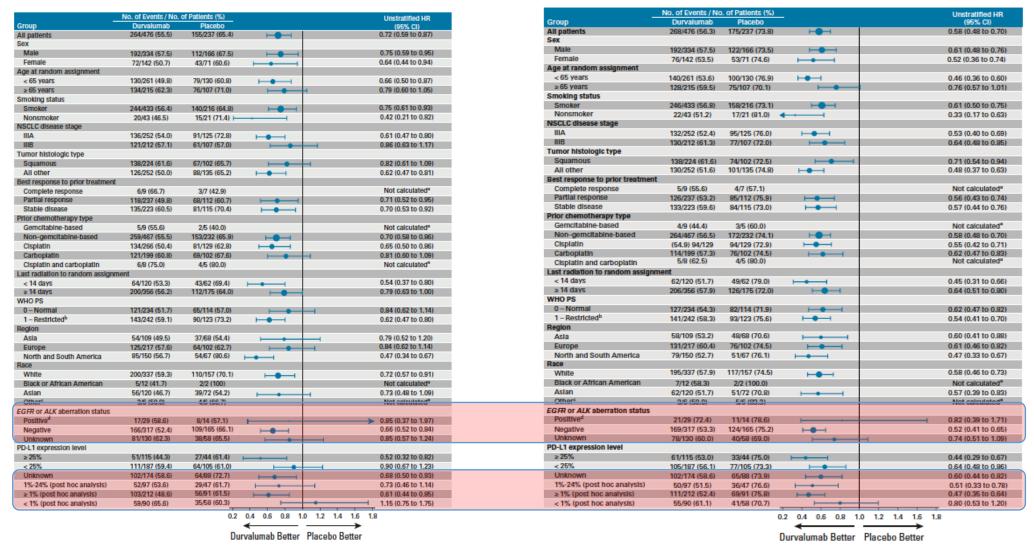
PACIFIC-08 study design Durvalumab+Domvalimab/Placebo in Stage III unresectable NSCLC





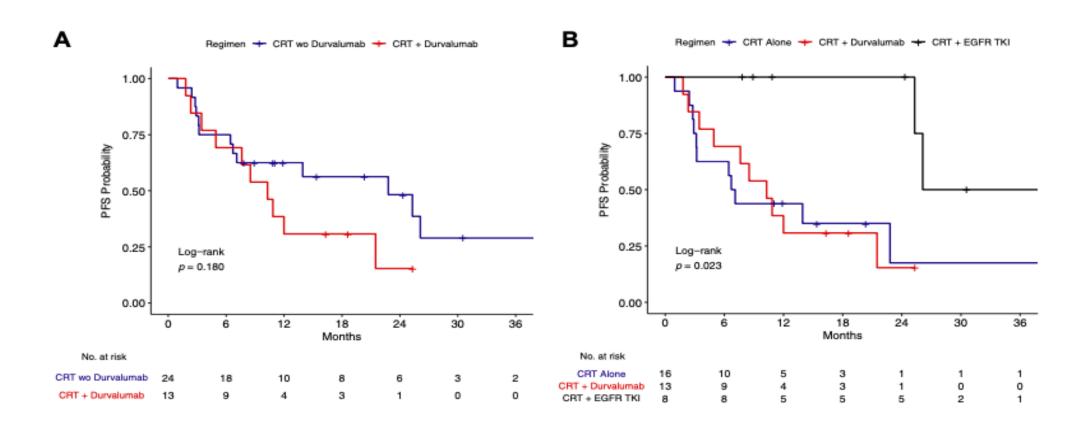
Forest Plot of PACIFIC trial: OS and PFS

OS PFS



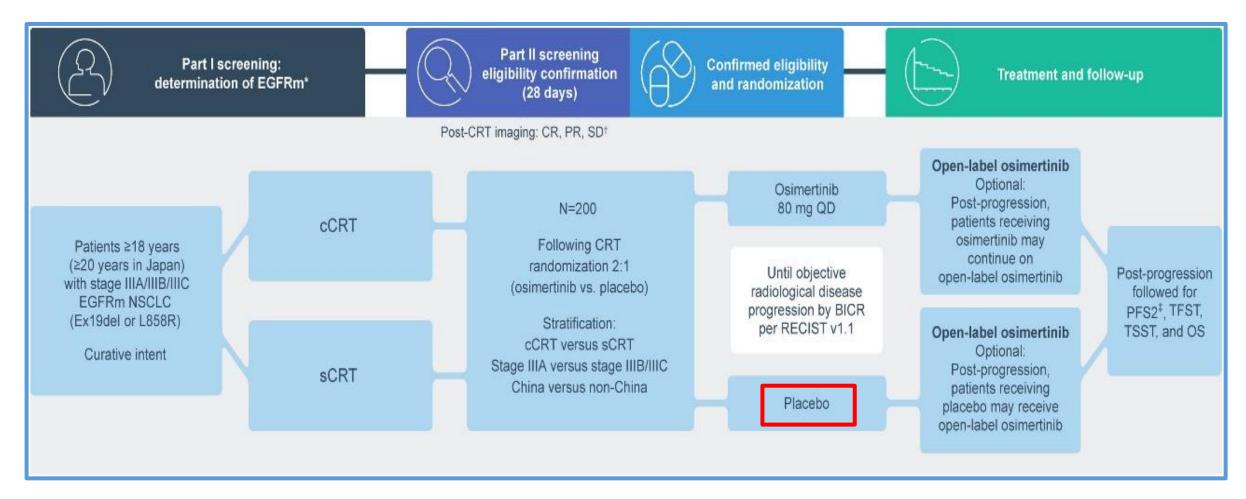


PACIFIC: Specific subgroups Durvalumab after CRT in *EGFR*^{mut+} NSCLC: a retrospective trial





LAURA trial study design phase 3 study for unresectable, stage III *EGFRmut+* NSCLC





Conclusions

Define the goal of the treatment before starting any procedure!

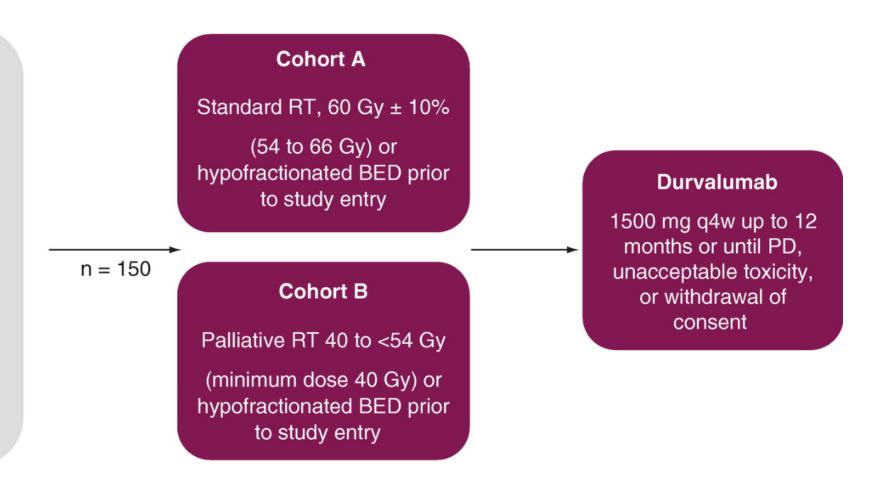
- ✓ Management of stage III disease is challenging
- ✓ Multidisciplinary evaluation is always mandatory
- √ Staging and Mediastinal staging is crucial
- ✓ Evaluate clinical trials



DUART: durvalumab after radiotherapy in patients with unresectable, stage III NSCLC ineligible for chemotherapy

Patient population

- Stage III unresectable NSCLC
- Ineligible for CT per physician assessment
- RT alone as primary treatment
- No biomarker selection
- ECOG PS 0–2





CONDOR: A phase II, two cohorts, randomized trial comparing standard of care versus immune-based combination in relapsed stage III NSCLC pretreated with CT/RT and durvalumab

