



Post-ASCO 2021: Thoracic Oncology Highlights

Prof. Dr. V. Surmont
26 juni 2021

Outline

- ▶ early stage
- ▶ unresectable stage III
- ▶ metastatic: non-oncogene addicted
- ▶ metastatic: oncogene addicted
- ▶ SCLC
- ▶ take home messages

Disclosures

- ▶ honoraria advisory boards:
 - ▶ Astra-Zeneca, Pfizer, MSD, Roche

Early stage NSCLC:

(Neo)adjuvant strategies

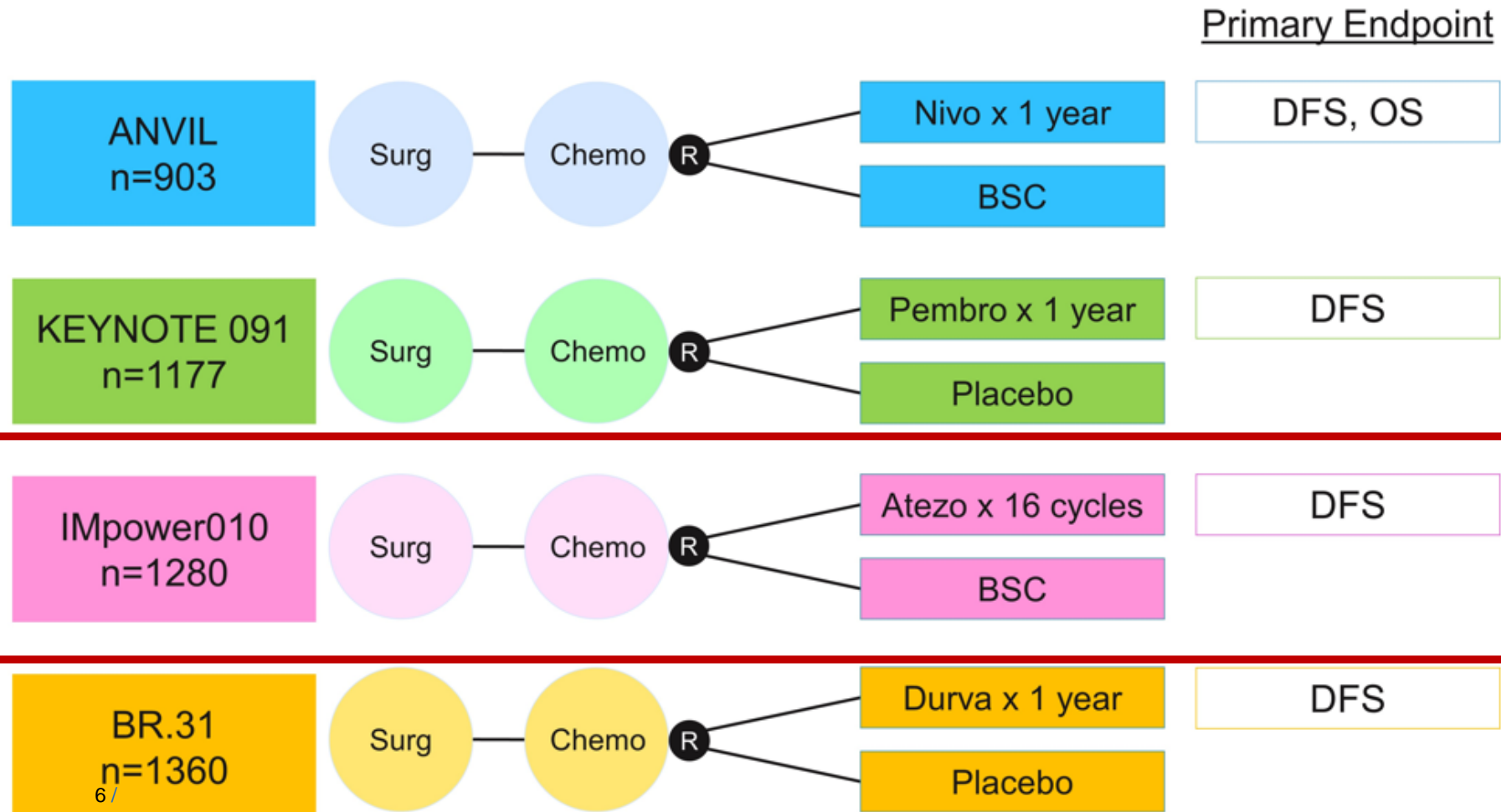
IMpower010
Checkmate 816
IMPACT/CTONG1103

Local treatment modalities

VIOLET
STARS

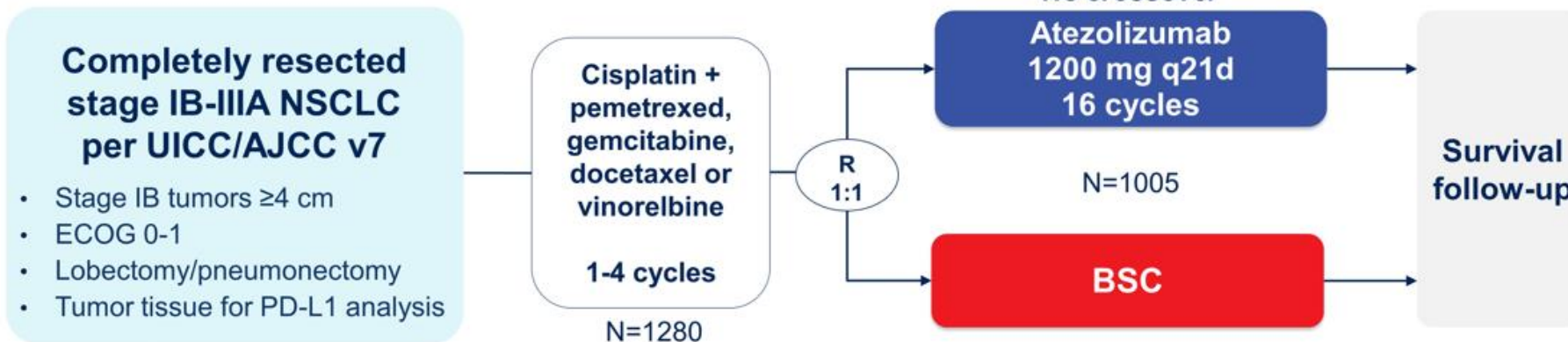
(neo)adjuvant strategies

Phase III trials of adjuvant checkpoint inhibitors



3/2021: met primary
endpoint in stage II-III

Study design IMpower010



KEY POINTS:

- Overall a well designed and robust study
- AJCC 7th edition staging
- All randomized pts received adjuvant chemo
- SP263 assay used for efficacy analyses of PD-L1¹
- 54.6% of patients had PDL1 $\geq 1\%$, slightly lower than in other studies (67% in PACIFIC²)

Stratification factors

- Male/female
- Stage (IB vs II vs IIIA)
- Histology
- PD-L1 tumor expression status^a: TC2/3 and any IC vs TC0/1 and IC2/3 vs TC0/1 and IC0/1

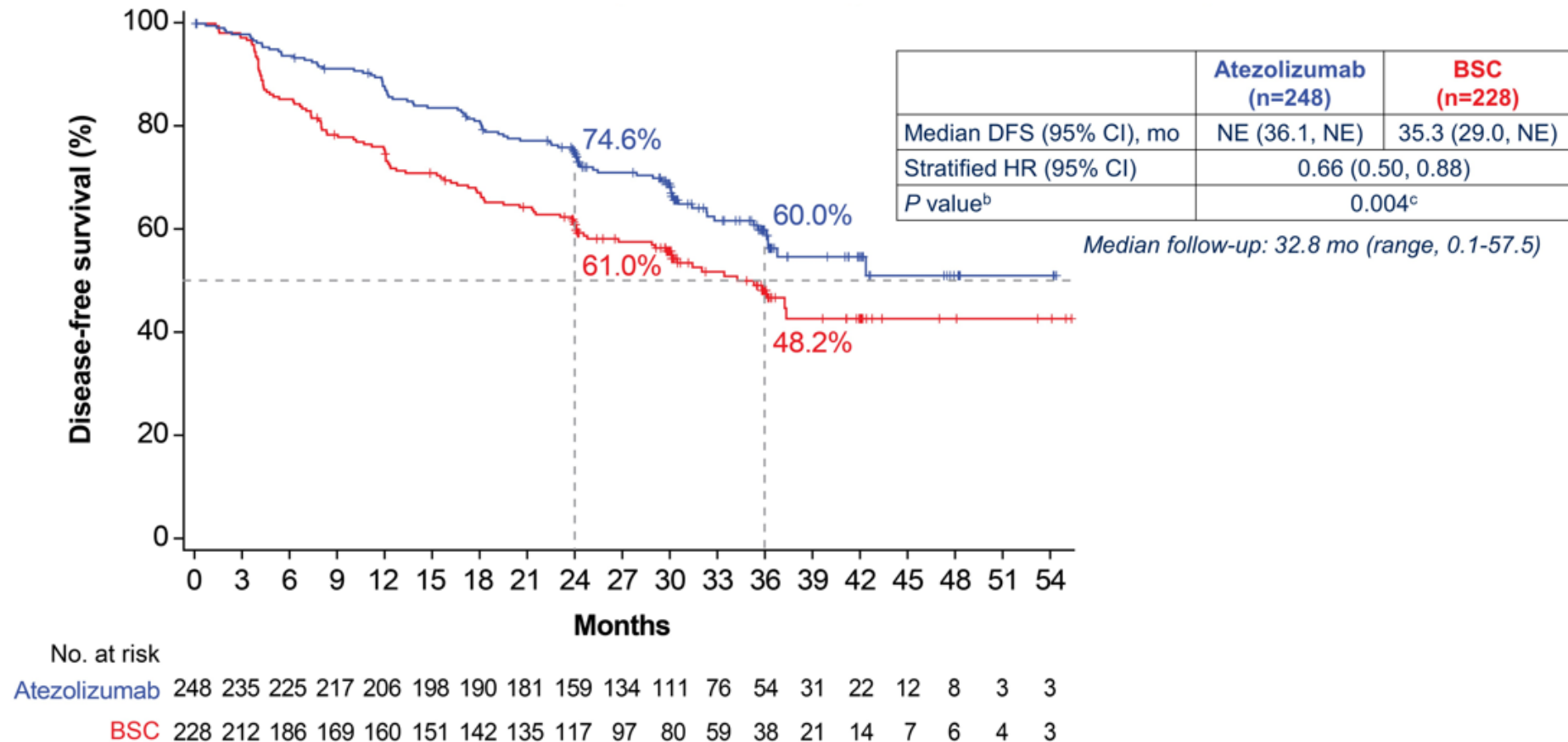
Primary endpoints

- Investigator-assessed DFS tested hierarchically:
 - PD-L1 TC $\geq 1\%$ (per SP263) stage II-IIIA population
 - All-randomized stage II-IIIA population
 - ITT population (stage IB-IIIA)

Key secondary endpoints

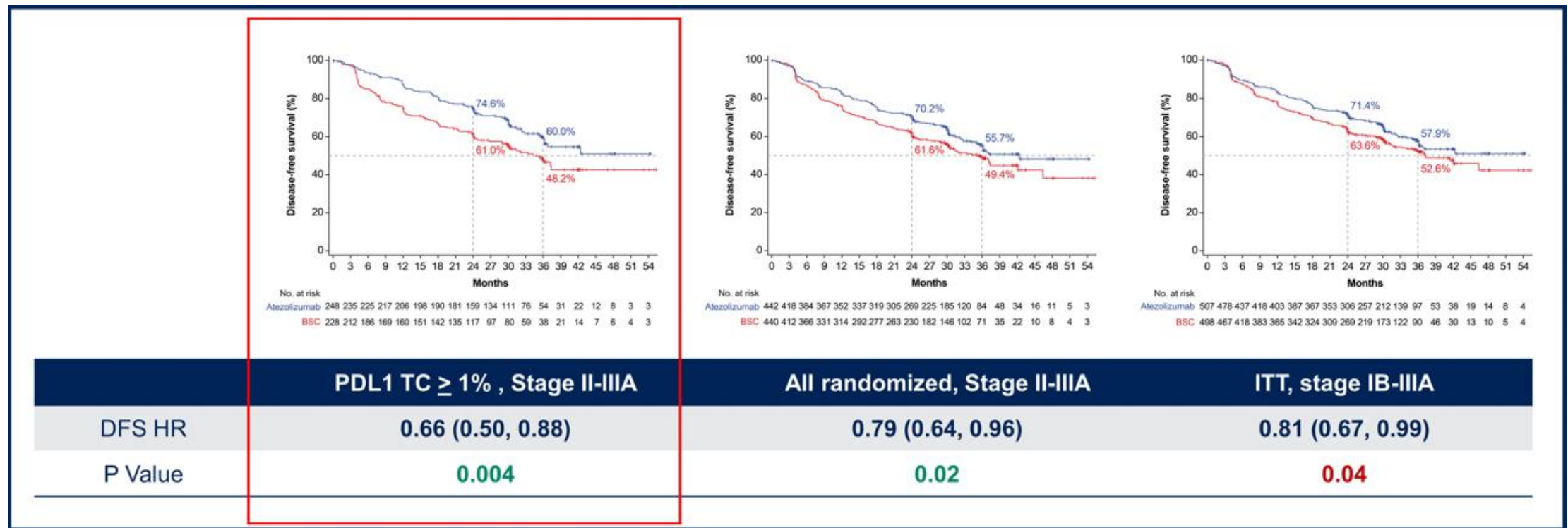
- OS in ITT population
- DFS in PD-L1 TC $\geq 50\%$ (per SP263) stage II-IIIA population
- 3-y and 5-y DFS in all 3 populations

DFS in stage II-III A in PD-L1 TC $\geq 1\%$ (PE)



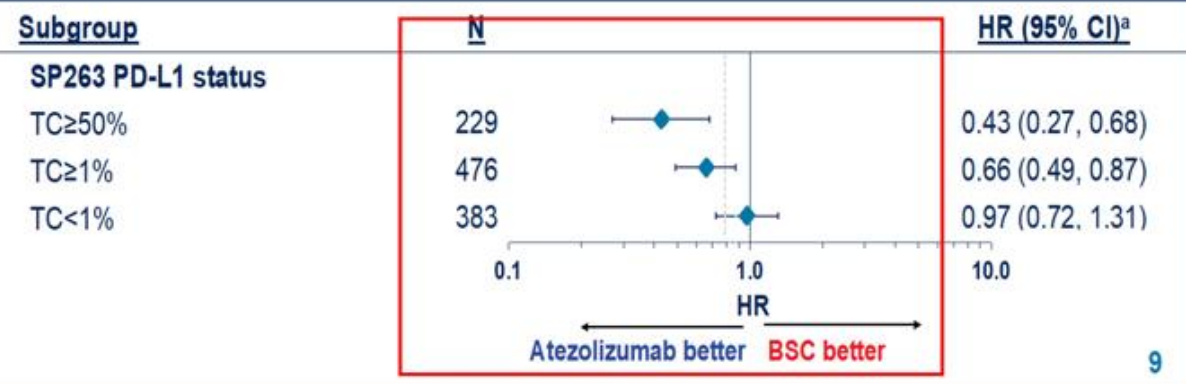
Clinical cutoff: January 21, 2021. CI, confidence interval; HR, hazard ratio; NE, not evaluable. ^a Per SP263 assay. ^b Stratified log-rank. ^c Crossed the significance boundary for DFS.

Magnitude of benefit

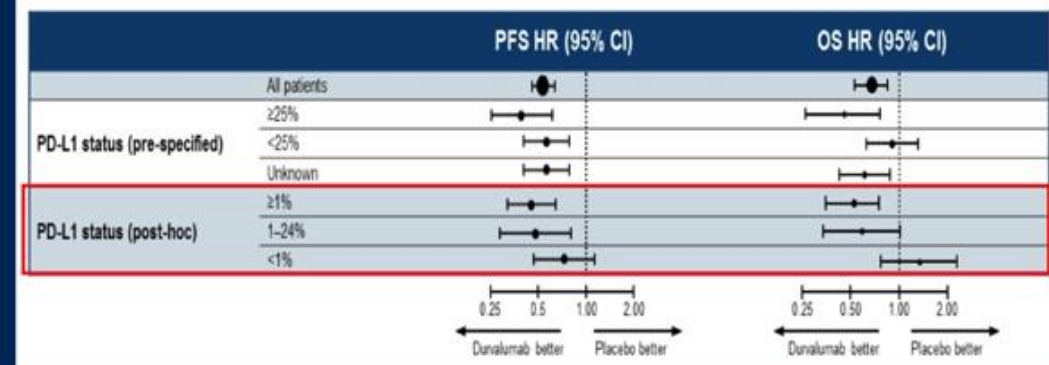


Biomarker selection

IMPower 010



PACIFIC¹

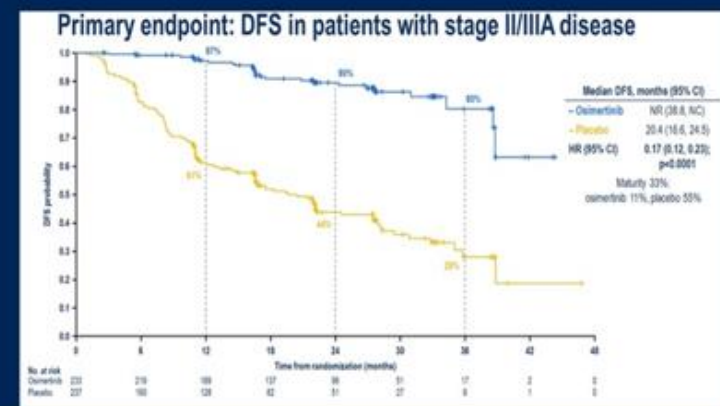


- As with other immunotherapy studies, the magnitude of benefit of adjuvant atezolizumab is greatest in patients with the highest levels of PD-L1.
- Among pts with PDL1 $\geq 50\%$, DFS HR 0.43
- Patients with negative PD-L1 did NOT benefit from adjuvant atezolizumab.

Atezolizumab: first IC with clinically meaningful benefit in adjuvant setting in
 10 PD-L1 positive stage II-III A NSCLC after chemo

Is DFS sufficient to change clinical practice?

- OS has historically been considered the “gold standard” for adjuvant studies, yet many ongoing studies are powered for DFS endpoints.
- OS data takes years to mature and, in the meantime, we (clinicians) have to make decisions based on available data.
- For patients and caregivers, improvements in disease free may translate into patient benefit, whether or not OS is improved.
- Recently, several adjuvant therapies (osimertinib, durvalumab) have received FDA approval based on DFS benefit, suggesting this is viewed as a clinically meaningful endpoint.



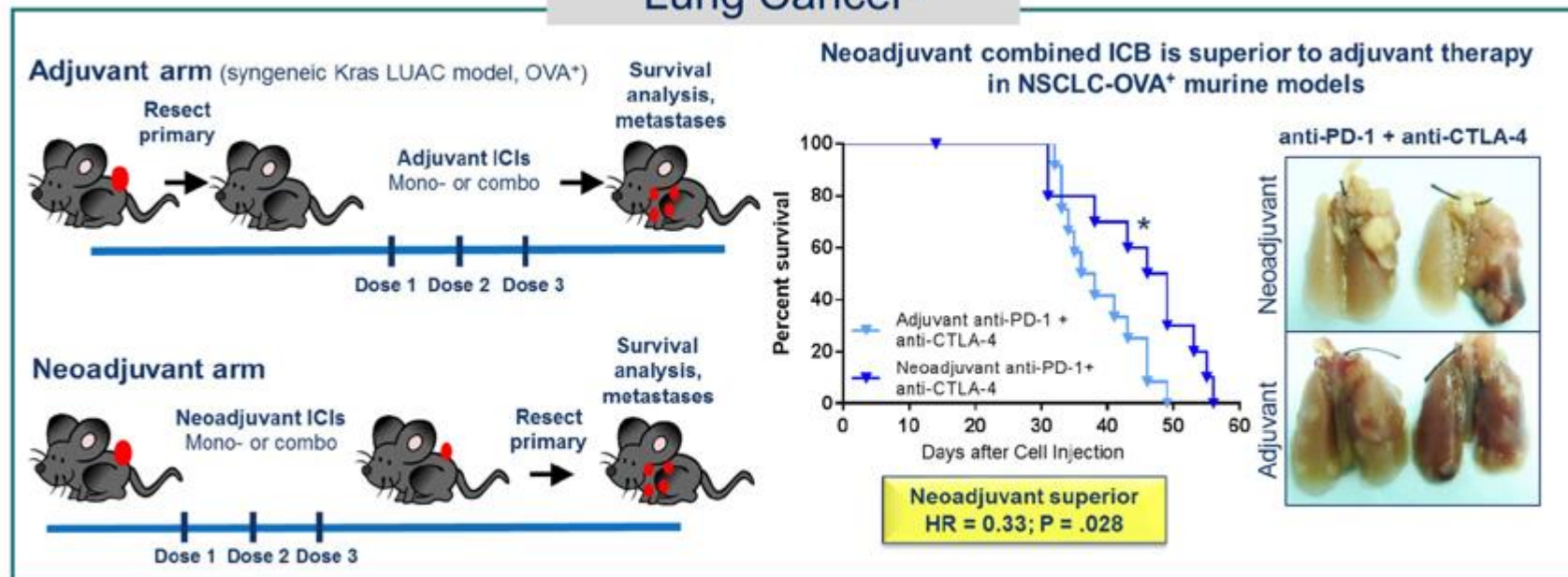
ADAURA (Herbst R, ASCO 2020)

Trial ¹	Drug	n	1° Endpoint	Estimated Completion Date	NCT
IMPower110	Atezolizumab	1005	DFS	December 2027	NCT02486718
ANVIL (EA5142)	Nivolumab	903	DFS + OS	January 2024	NCT02595944
KEYNOTE-091	Pembrolizumab	1177	DFS	February 2024	NCT02504372
BR.31	Durvalumab	1360	DFS	January 2024	NCT02273375

1. All data collected from clinicaltrials.gov, accessed 5/18/21

Rationale for neoadjuvant strategy

Lung Cancer¹

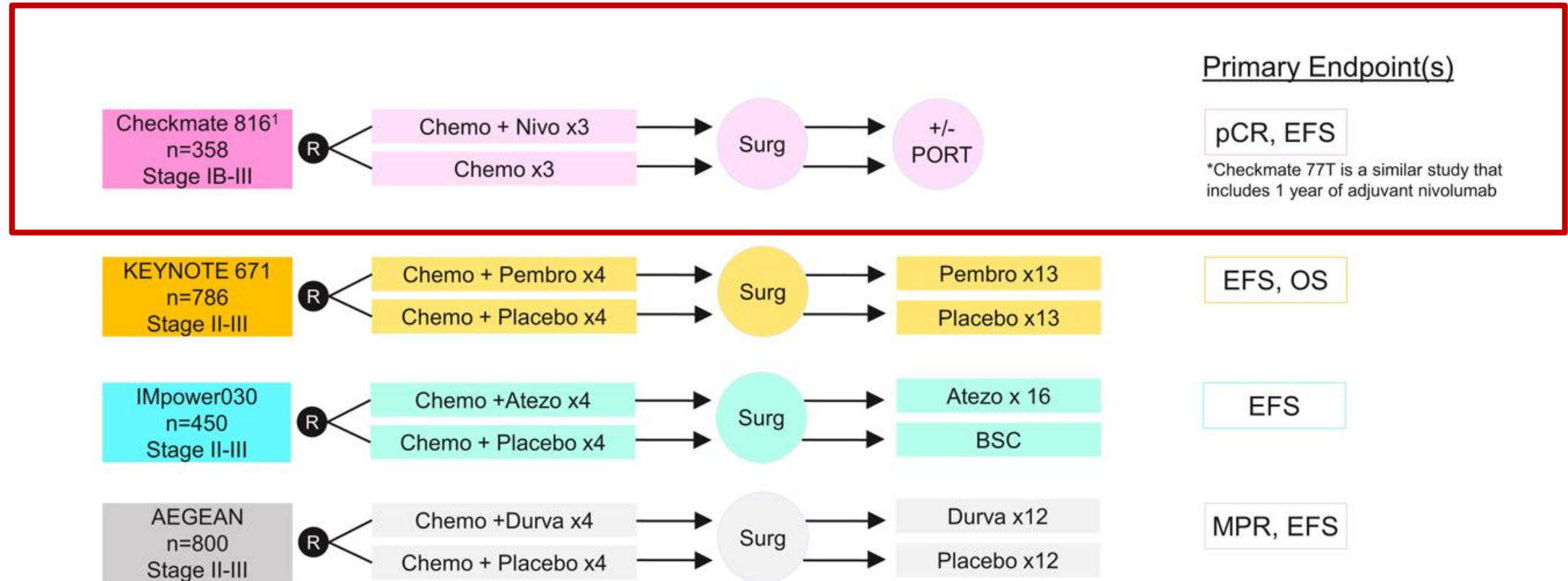


¹Cascone ASCO 2019, ²Liu Cancer Dis

Administering immunotherapy with the primary tumor intact = larger burden of endogenous tumor antigens, potentially:

- (1) Enhancing tumor-specific T cell priming and trafficking
- (2) Leading to more robust activation of the immune system
- (3) Improving surveillance against micrometastatic disease

Phase III trials neoadjuvant chemo and PD(L)1 inhibitor



¹Forde AACR 2021

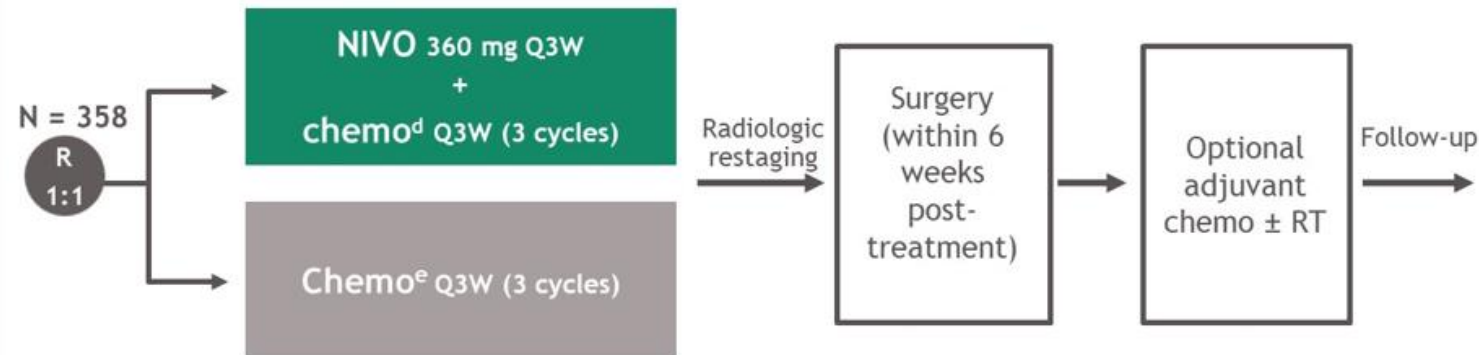
Surgical outcomes from the phase 3 CheckMate 816 trial: nivolumab + platinum-doublet chemotherapy vs chemotherapy alone as neoadjuvant treatment for patients with resectable non-small cell lung cancer

Jonathan Spicer,¹ Changli Wang,² Fumihiko Tanaka,³ Gene B. Saylor,⁴ Ke-Neng Chen,⁵ Moishe Liberman,⁶ Everett Vokes,⁷ Nicolas Girard,⁸ Shun Lu,⁹ Mariano Provencio,¹⁰ Tetsuya Mitsudomi,¹¹ Mark M. Awad,¹² Enriqueta Felip,¹³ Patrick M. Forde,¹⁴ Scott J. Swanson,¹² Julie R. Brahmer,¹⁴ Keith Kerr,¹⁵ Cécile Dorange,¹⁶ Junliang Cai,¹⁶ Stephen Broderick¹⁴

Key eligibility criteria

- Newly diagnosed, resectable, stage IB (≥ 4 cm)-IIIA NSCLC (per TNM 7th edition)
- ECOG PS 0-1
- No known sensitizing *EGFR* mutations or *ALK* alterations

Stratified by stage (IB/II vs IIIA), PD-L1^b ($\geq 1\%$ vs $< 1\%$), and sex



Primary endpoints

- pCR by BIPR
- EFS by BICR

Key secondary endpoints

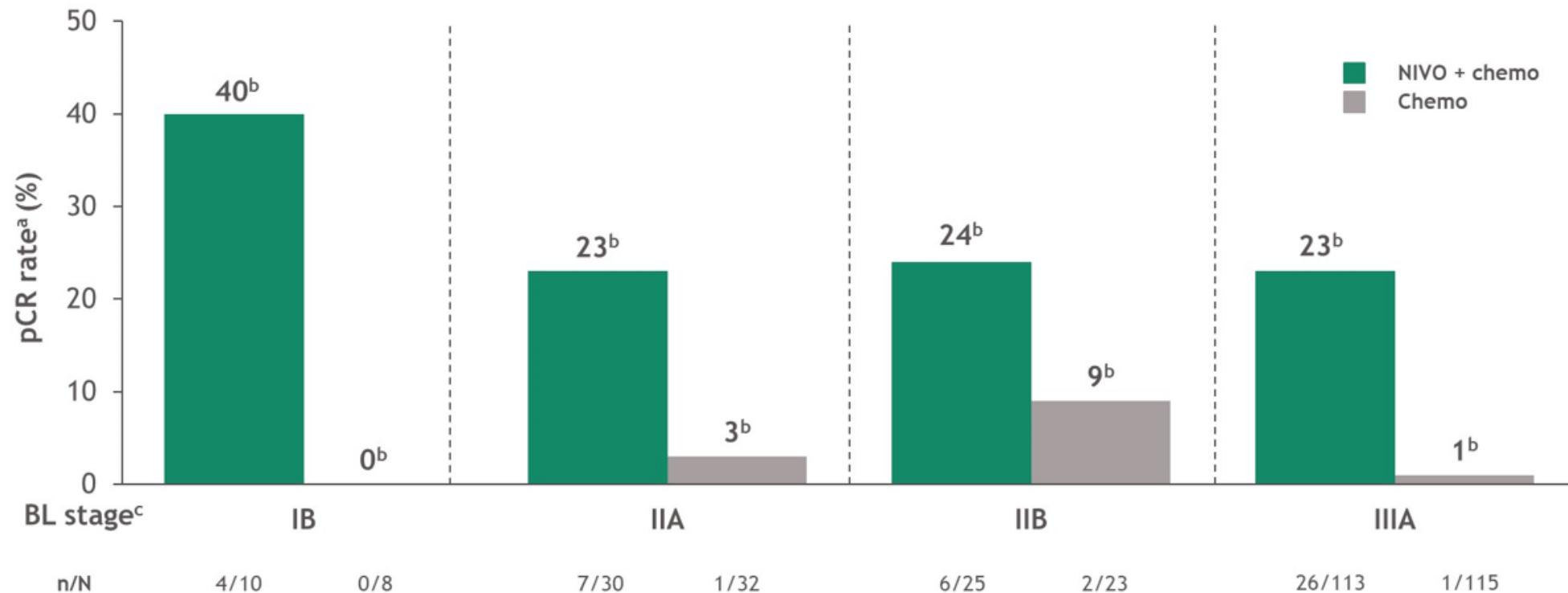
- MPR by BIPR
- OS
- Time to death or distant metastases

Key exploratory endpoints included

- ORR by BICR
- Feasibility of surgery; peri- and post-operative surgery-related AEs

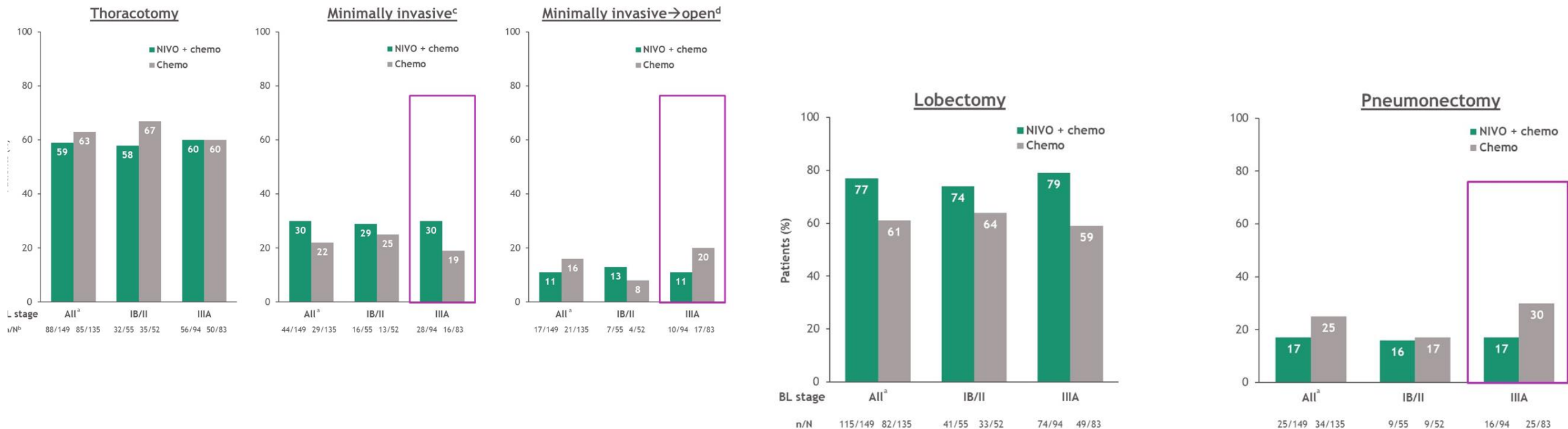
Abstract #8503

pCR by baseline disease stage



- pCR improvement with NIVO + chemo vs chemo was observed regardless of radiologic down-staging^d

Surgical approach



In the chemoIO arm:

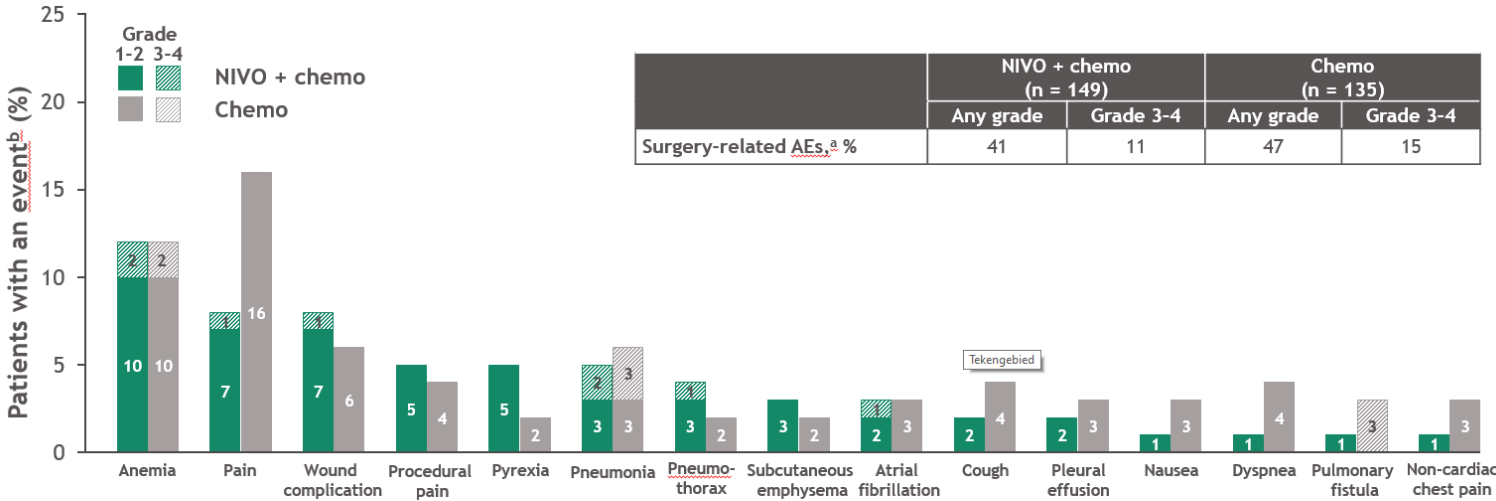
- More patients had the operation via a minimally invasive approach (VATS or robotic), including the patients with stage IIIA tumors at baseline
- Fewer patients required a pneumonectomy
- More patients had R0 resection

	All stages		Stage IB/II		Stage IIIA	
	NIVO + chemo (n = 149)	Chemo (n = 135)	NIVO + chemo (n = 55)	Chemo (n = 52)	NIVO + chemo (n = 94)	Chemo (n = 83)
Patients with delayed surgery ^{b,c} n (%)	31 (21)	24 (18)	9 (16)	13 (25)	22 (23)	11 (13)
AE	6 (4)	9 (7)	2 (4)	7 (13)	4 (4)	2 (2)
Length of delay in surgery, weeks Median (IQR)	2.0 (0.6-3.0)	2.4 (1.0-3.7)	2.1 (0.9-2.9)	2.1 (1.3-3.6)	1.9 (0.6-3.0)	2.6 (0.6-4.9)
Of patients with delayed surgery, proportion n (%) with delay of ^d						
≤ 2 weeks	17 (55)	11 (46)	4 (44)	6 (46)	13 (59)	5 (46)
> 2 and ≤ 4 weeks	8 (26)	8 (33)	4 (44)	5 (38)	4 (18)	3 (27)
> 4 and ≤ 6 weeks	3 (10)	2 (8)	0	0	3 (14)	2 (18)
> 6 weeks	3 (10)	3 (12)	1 (11)	2 (15)	2 (9)	1 (9)

no delay in surgery

- Median (IQR) time from last neoadjuvant dose to definitive surgery was 5.3 (4.6-6.0) weeks with NIVO + chemo and 5.0 (4.6-5.9) weeks with chemo for all patients with definitive surgery

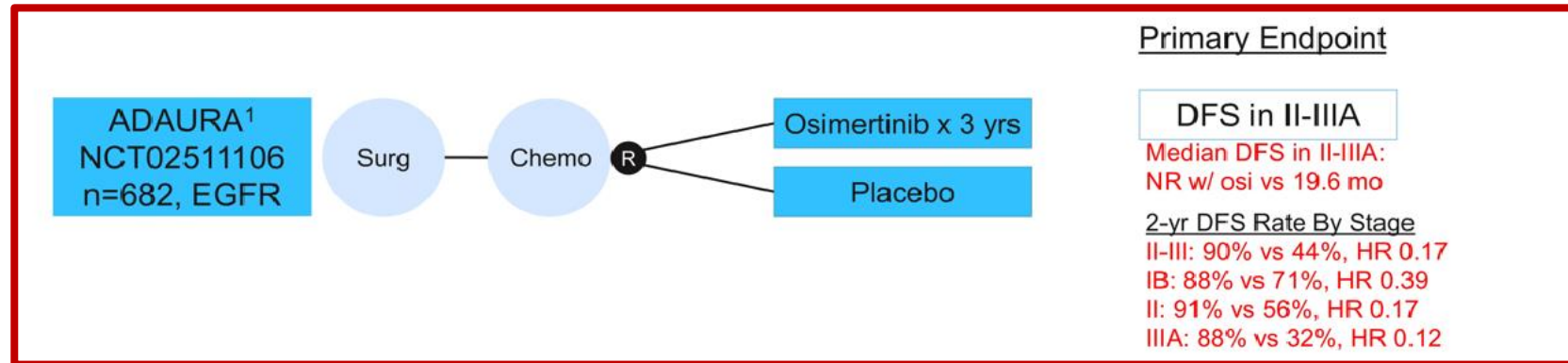
no increase in 90-day surgical toxicity



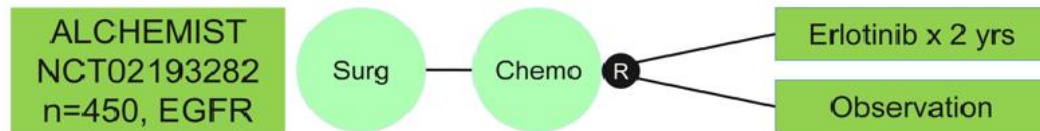
- Grade 5 surgery-related AEs (within 24 hours of AE onset) were reported in 2 patients in the NIVO + chemo arm and were deemed unrelated to study drug per investigator (1 each due to pulmonary embolism and aortic rupture)^c
- 30-day and 90-day mortality rates are planned to be evaluated when survival endpoints are available

- ▶ no delay in surgery
- ▶ no impairment of surgery
- ▶ no reduction in completeness of resection
- ▶ no increase in 90-day surgical toxicity
- ▶ more event-free and OS data are needed for CM816 to become practice changing

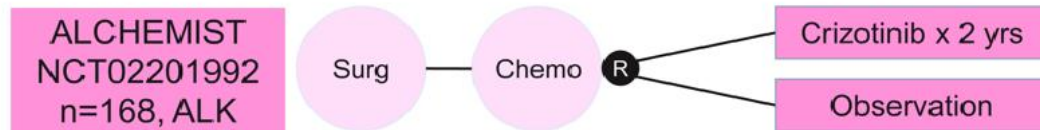
Phase III trials adjuvant targeted therapy



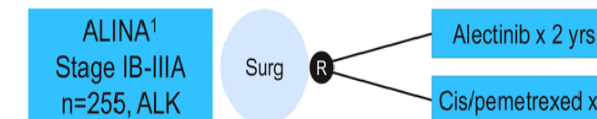
ASCO 2020



OS
No outcomes reported



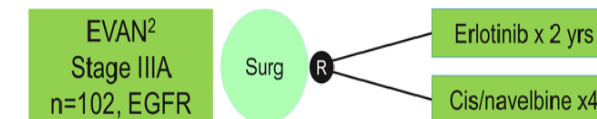
OS
No outcomes reported



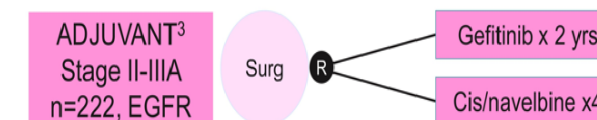
Primary Endpoint

DFS
No outcomes reported yet

EJM 2020



2-year DFS
2-year DFS: 81% vs 45%
Median DFS: 42.4 mo vs 21.0 mo, HR 0.27
Median OS not reached, HR for OS 0.17



DFS
Median DFS: 36.6 mo vs 19.8 months, HR 0.56
Median OS: 75.5 mo vs 62.8 mo, HR 0.92

Adjuvant gefitinib versus cisplatin/vinorelbine in Japanese patients with completely resected, EGFR-mutated, stage II–III non-small-cell lung cancer (IMPACT: WJOG6410L): a randomized phase 3 trial.

Hirohito Tada,¹ Tetsuya Mitsudomi,² Takeharu Yamanaka,³ Kenji Sugio,⁴ Masahiro Tsuboi,⁵ Isamu Okamoto,⁶ Yasuo Iwamoto,⁷ Noriaki Sakakura,⁸ Shunichi Sugawara,⁹ Shinji Atagi,¹⁰ Toshiaki Takahashi,¹¹ Hidetoshi Hayashi,² Morihito Okada,¹² Hidetoshi Inogawa,¹³ Hiroshige Yoshioka,¹⁴ Kazuhisa Takahashi,¹⁵ Masahiko Higashiyama,¹⁶ Ichiro Yoshino,¹⁷ Kazuhiko Nakagawa,²
West Japan Oncology Group

Phase 3 RCT (IMPACT)

Study design

Completely resected stage II–III NSCLC
Lobectomy or more
EGFR mutation (Ex19-del or L858R)
Without T790M
ECOG PS 0–1 Age ≥ 20 & < 75 years
N=230

R

Gefitinib 250mg/day for 24 months
or until disease progression
or unacceptable toxicity

Cisplatin 80mg/m² day1
plus vinorelbine 25mg/m² day1 and 8
every 3 weeks, for 4 cycles

Stratification factors

institute
stage II vs. III
UICC TNM classification (7th version)
gender
age < 65 or ≥ 65

Efficacy assessment schedules

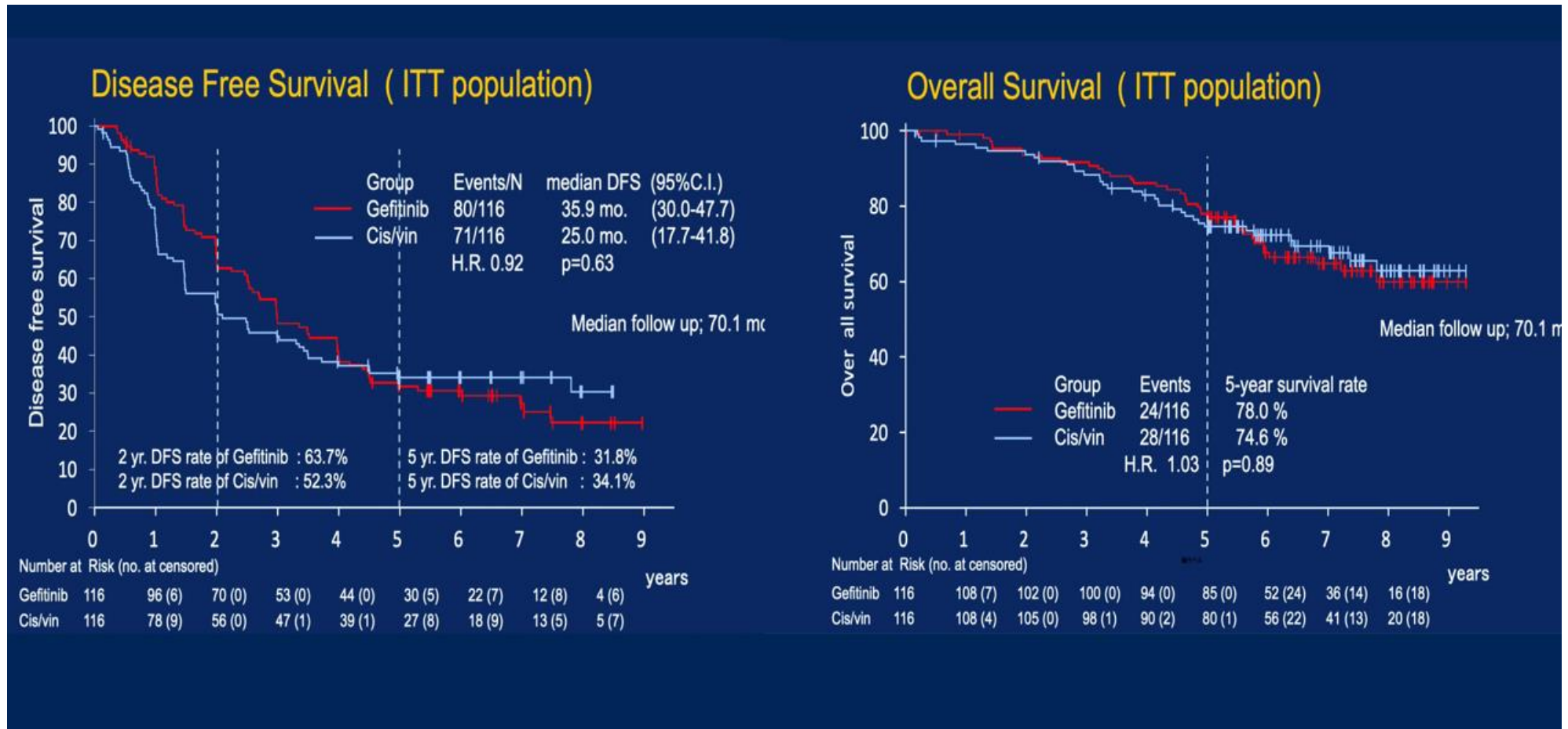
every 6 months :
contrast chest/abdominal CT
every 12 months : brain MRI. PET/CT or bone scan

Primary endpoint :

Disease free survival by BICRC.

Secondary endpoint

Overall survival
Safety and tolerability
Relapse pattern

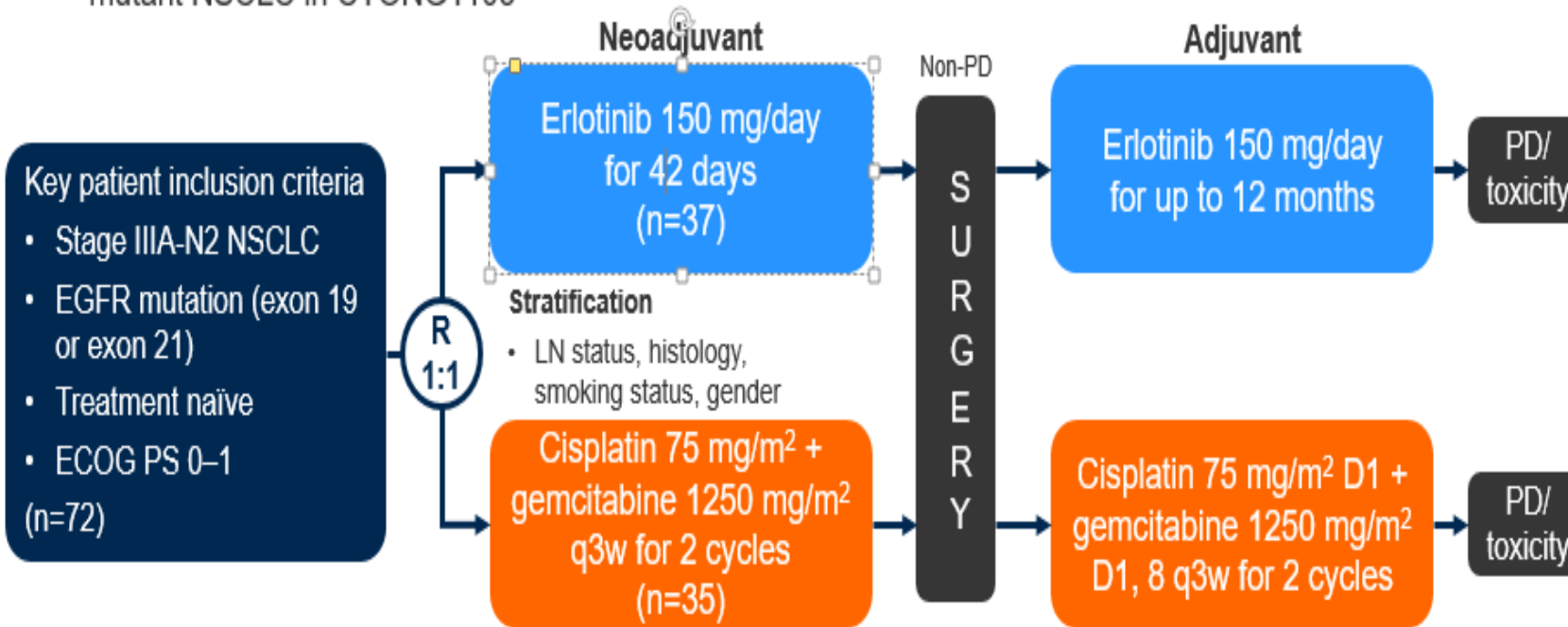


DFS: numerically longer with gefitinib, but HR 0.92
OS: not significantly different, HR 1.03

Phase 2 RCT (CTONG1103)

• Study objective

- To evaluate the long-term efficacy and safety of neoadjuvant erlotinib in patients with stage IIIA-N2 EGFR-mutant NSCLC in CTONG1103



Primary endpoint

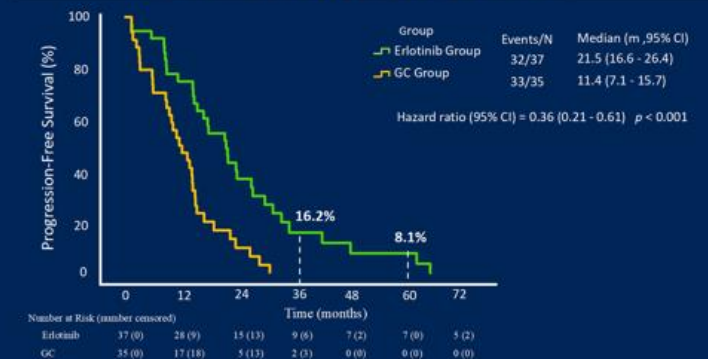
- ORR (RECIST v1.1)

Secondary endpoints

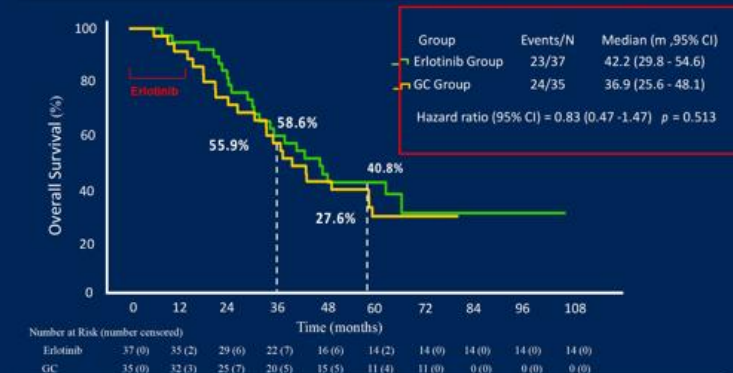
- pCR, downstaging, PFS, OS, safety

Abstract #8502

Update PFS (ITT population)



Overall survival (ITT population)

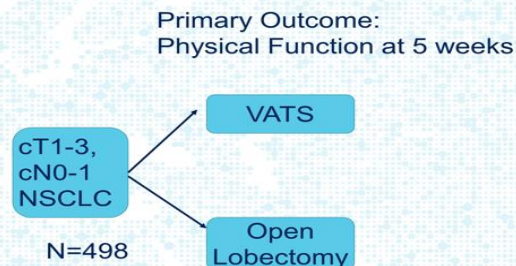


- ▶ 3 RCT on (neo)adjuvant EGFR-TKI with mature OS data
- ▶ TKI for up to 2 years compared to 4 cycles of cis-based chemo
- ▶ initial DFS advantage, no OS benefit
- ▶ follow-up results of osimertinib in ADAURA are needed

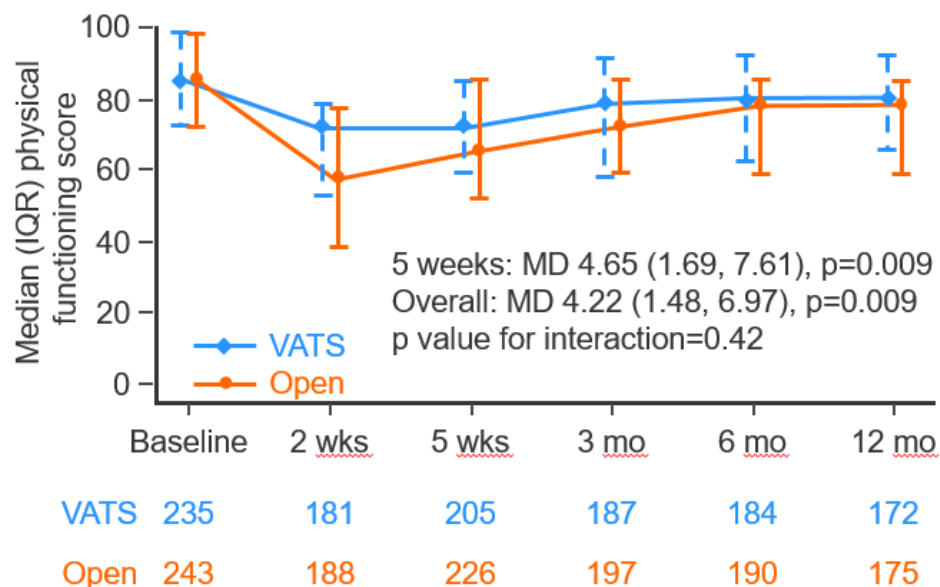
Local treatment modalities

VIDEO-ASSISTED THORACOSCOPIC VERSUS OPEN LOBECTOMY IN PATIENTS WITH EARLY-STAGE LUNG CANCER: ONE-YEAR RESULTS FROM A RANDOMIZED CONTROLLED TRIAL (VIOLET)

Eric Lim, Tim JP Batchelor, Joel Dunning, Michael Shackcloth, Vladimir Anikin, Babu Naidu, Elizabeth Belcher, Mahmoud Loubani, Vipin Zamvar, Rosie A Harris, Lucy Dabner, Holly E McKeon, Sangeetha Paramasivan, Alba Realpe, Daisy Elliott, Paulo De Sousa, Jane Blazeby, Chris A Rogers on behalf of The VIOLET Trialists



Physical function at 1 year

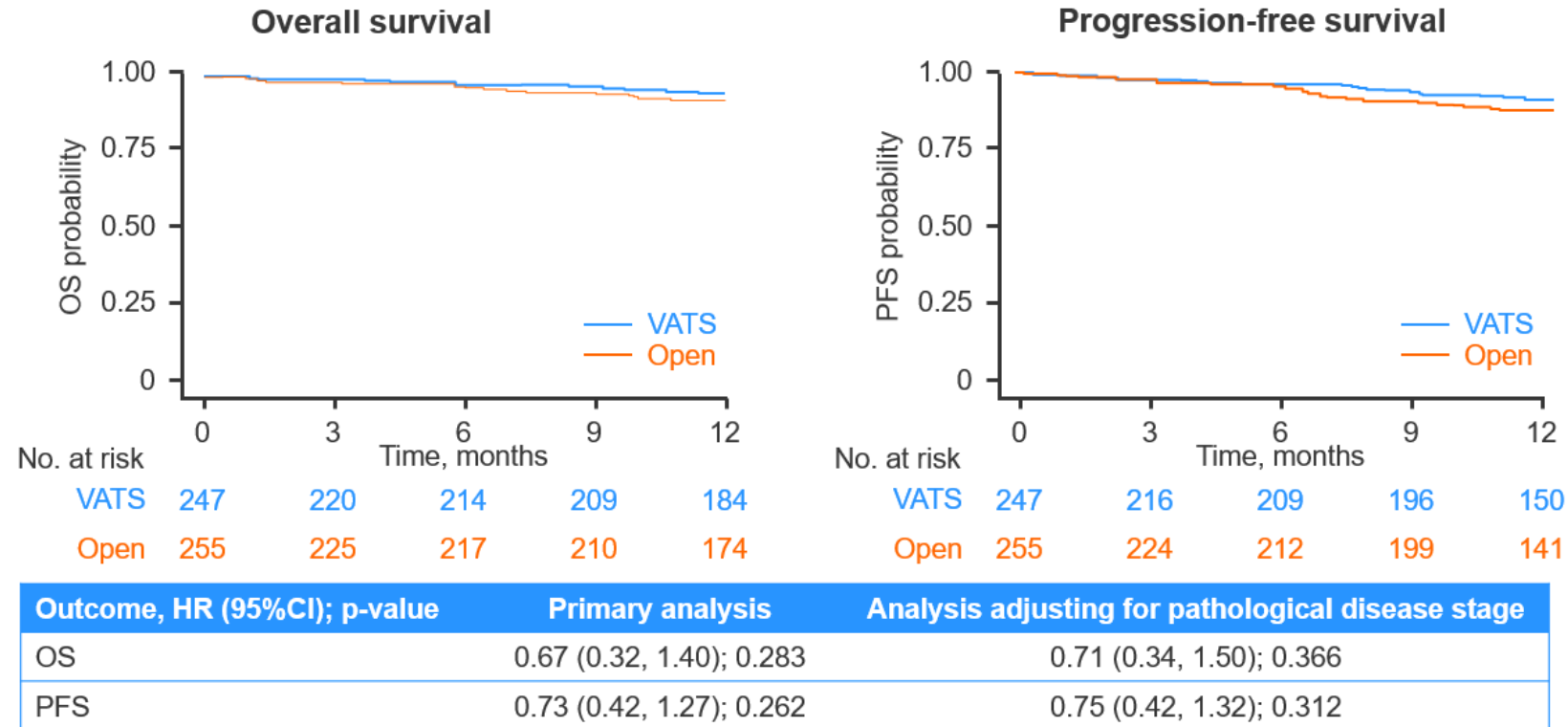


VIOLET (QoL)

Outcome, MD (95%CI); p-value	Primary analysis	Analysis excluding benign patients
QLQ-C30 physical function at 5 weeks	4.65 (1.69, 7.61); 0.0089	4.66 (1.71, 7.62); 0.0089
In-hospital pain	-0.02 (-0.46, 0.41)	-0.54 (-0.99, -0.09)

Outcome	VATS (n=247)	Open surgery (n=255)	RR (95%CI); p-value
In-hospital before discharge, n (%)			
Any AE	81 (32.8)	113 (44.3)	0.74 (0.66, 0.84); <0.001
Any SAE	20 (8.1)	21 (8.2)	0.98 (0.59, 1.63); 0.948
After discharge following surgery, events/patients (%)			
Readmissions	117/70 (29.0)	141/88 (35.9)	
SAE	142/75 (30.7)	207/94 (37.8)	0.81 (0.66, 1.00); 0.053

VIOLET (oncological outcomes)



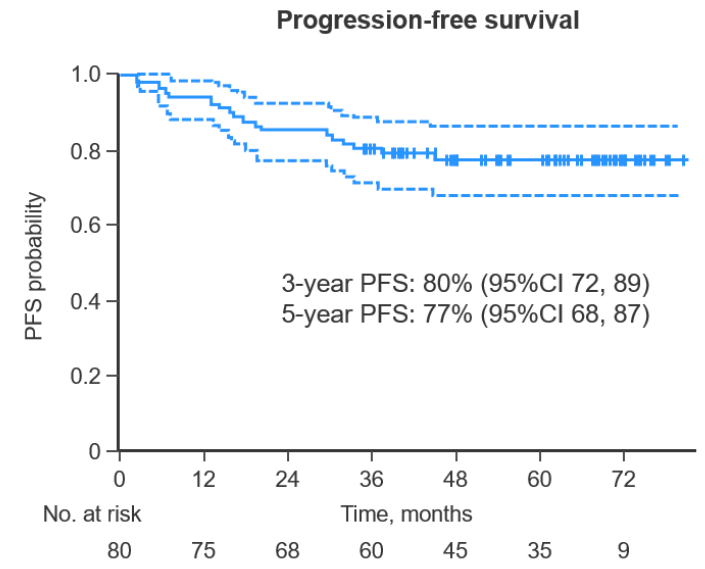
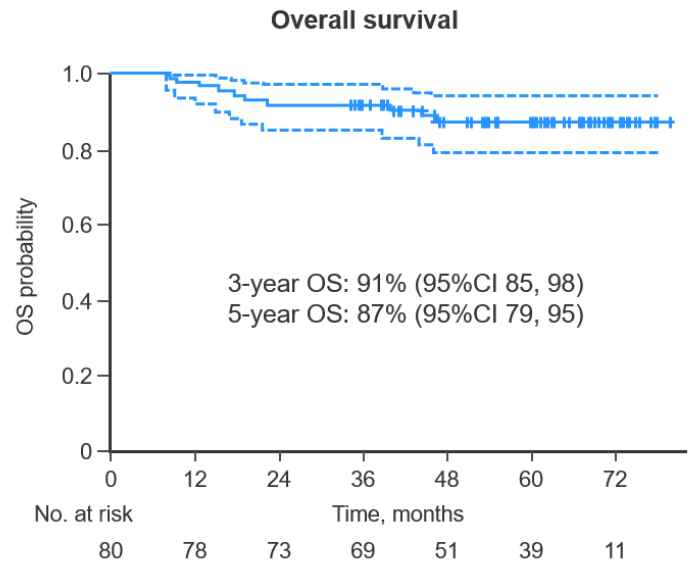
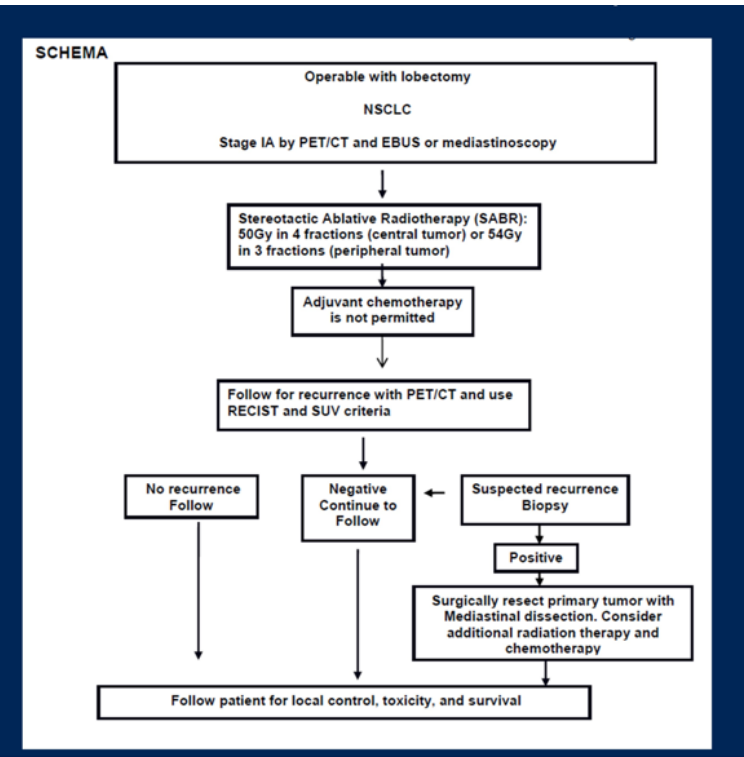
reinforce the paradigm shift in surgical approach
improved results without compromising oncological outcomes

STEREOTACTIC ABLATIVE RADIOTHERAPY IN OPERABLE STAGE I NSCLC PATIENTS: LONG-TERM RESULTS OF THE EXPANDED STARS CLINICAL TRIAL

Joe Y. Chang, Reza J Mehran, Lei Feng, Stephen McRae,
Peter Balter, Donald Berry and Jack A Roth
On behalf of The STARS Lung Cancer Clinical Trials Group

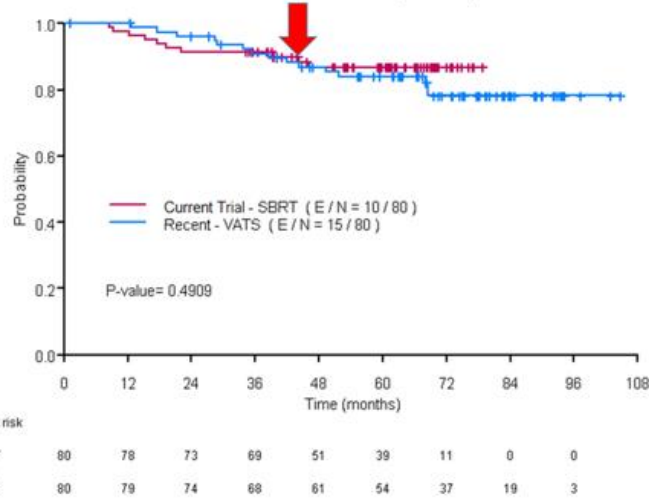
Expanded single-arm trial in operable stage IA
risk-factor matched comparison with historical VATS data
(n=229)

PE: OS at 3 years

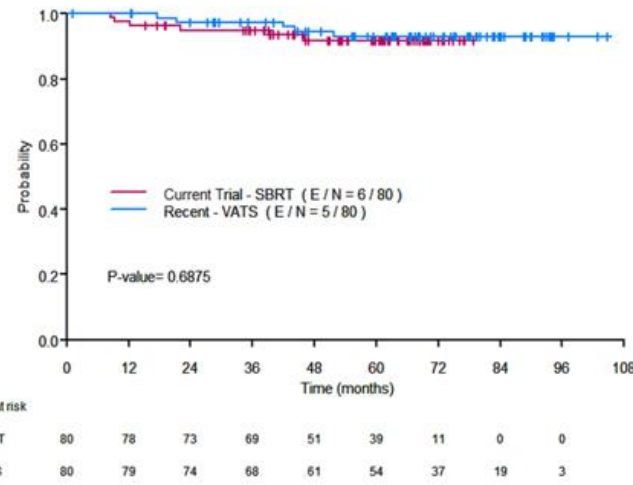


OS/PFS data SABR and VATS

Overall Survival by Group

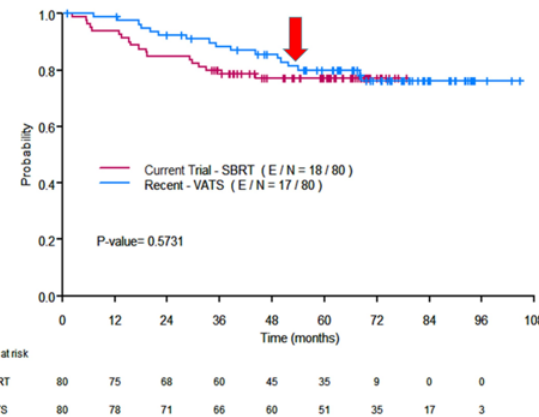


Lung Cancer Specific Survival by Group

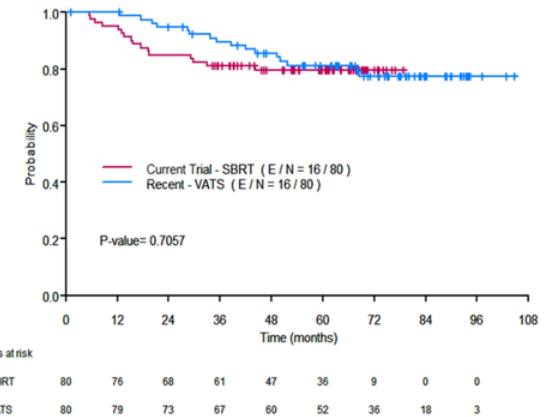


OS: 3-Y: **91% vs 91%**
 5-Y: **87% vs 84%**
 HR: **0.78** (95% CI: 0.35~1.76; p=0.55)
Non-inferiority is claimed

Progression Free Survival by Group



Regional Recurrence Free Survival by Group

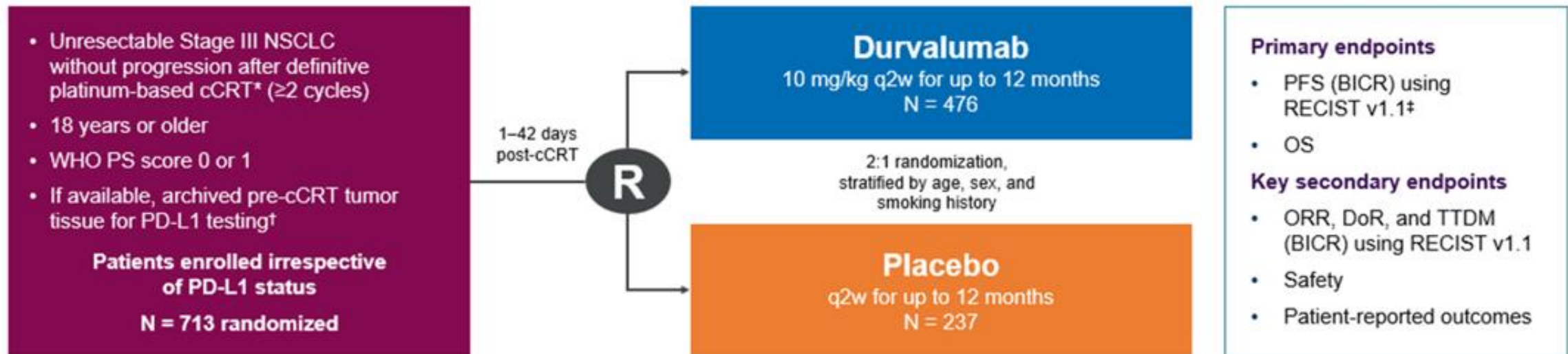


PFS: 3-Y: **80% vs 88%**
 5-Y: **77% vs 80%**
 HR: **1.29** (95% CI 0.66-2.53, p= 0.46)

Unresectable stage III

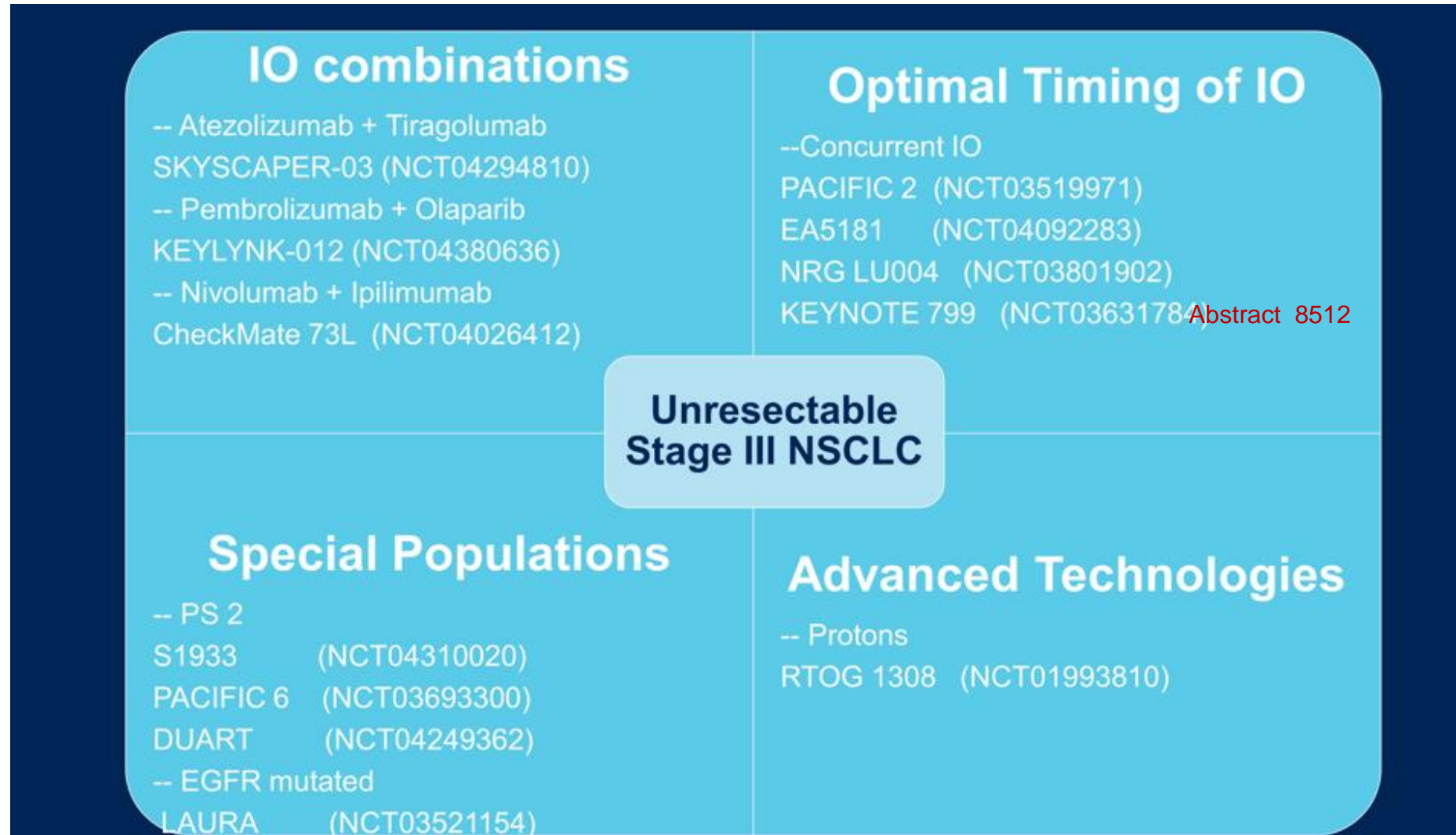
Update PACIFIC

PACIFIC (5-year mature OS analysis)



- Updated analyses of OS and PFS, assessed ~5 years after the last patient was randomized (data cutoff: 11 January 2021; exploratory, post-hoc analysis)

Unresectable stage III: clinical trial landscape

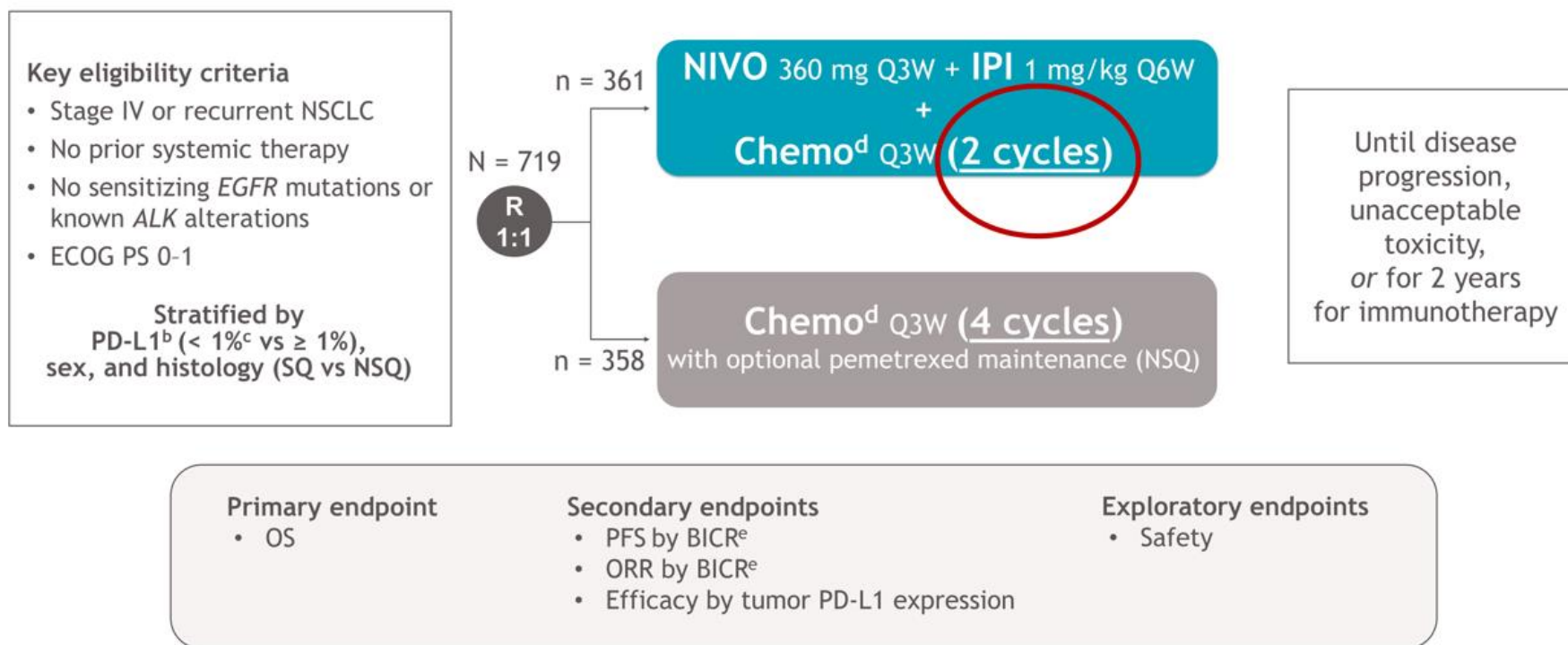




Metastatic NSCLC non-oncogene addicted

CheckMate-9LA
CheckMate-227

CheckMate 9LA

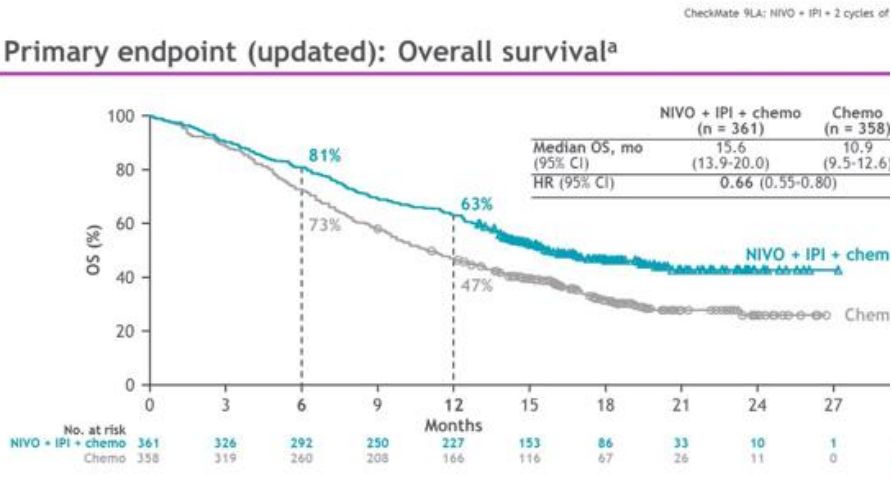


DBL: February 18, 2021; minimum / median follow-up for OS: 24.4 months / 30.7 months.

^aNCT03215706; ^bDetermined by the PD-L1 IHC 28-8 pharmDx assay (Dako); ^cPatients unevaluable for PD-L1 were stratified to PD-L1 < 1% and capped to 10% of all randomized patients; ^dNSQ: pemetrexed + cisplatin or carboplatin; SQ: paclitaxel + carboplatin; ^eHierarchically statistically tested.

Additional follow-up

Primary endpoint (updated): Overall survival^a



Minimum follow-up 12.7 months

ASCO 2020

TRAEs 47% vs. 38%

2-Year update: OS in all randomized patients



ASCO 2021

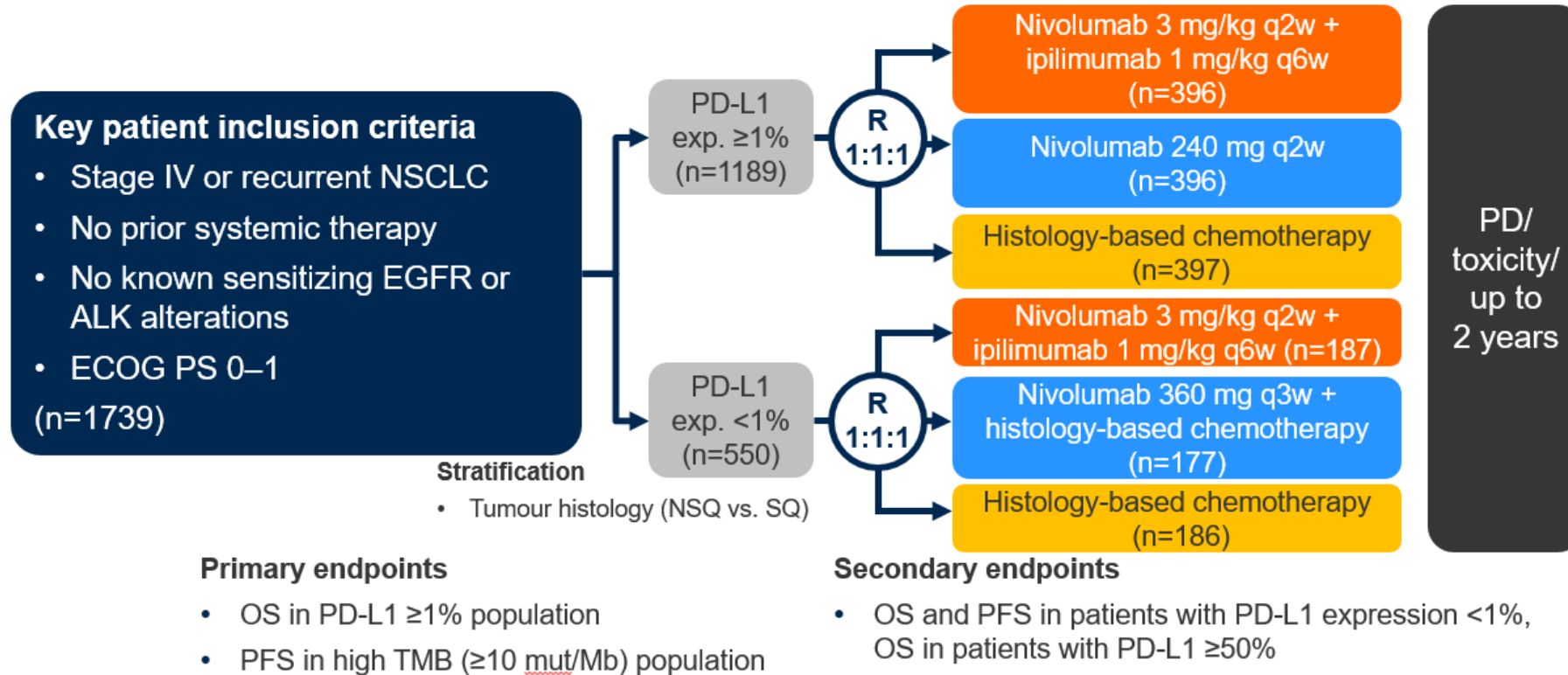
Subgroup	Median OS, mo		Unstratified HR	Unstratified HR (95% CI)
	NIVO + IPI + chemo n = 361	Chemo n = 358		
All randomized (N = 719)	15.8	11.0	0.73	
< 65 years (n = 354)	15.9	10.7	0.64	
≥ 65 to < 75 years (n = 295)	19.0	11.9	0.78	
≥ 75 years (n = 70)	8.5	11.5	1.04	
Male (n = 504)	14.2	9.8	0.72	
Female (n = 215)	22.2	15.9	0.75	
ECOG PS 0 (n = 225)	27.1	14.1	0.54	
ECOG PS 1 (n = 492)	13.6	9.7	0.83	
Never smoker (n = 98)	14.1	14.4	1.08	
Smoker (n = 621)	16.2	10.4	0.68	
SQ (n = 227)	14.5	9.1	0.63	
NSQ (n = 492)	17.8	12.0	0.78	
Liver metastases (n = 154)	10.2	8.1	0.85	
No liver metastases (n = 565)	19.3	12.4	0.72	
Bone metastases (n = 207)	11.9	8.3	0.73	
No bone metastases (n = 512)	19.7	12.4	0.74	
CNS metastases (n = 123)	19.9	7.9	0.47	
No CNS metastases (n = 596)	15.6	11.8	0.79	
PD-L1 < 1% (n = 264)	17.7	9.8	0.67	
PD-L1 ≥ 1% (n = 407)	15.8	10.9	0.70	
PD-L1 1-49% (n = 233)	15.2	10.4	0.70	
PD-L1 ≥ 50% (n = 174)	18.9	12.9	0.67	

0.25 0.5 1 2 4

NIVO + IPI + chemo Chemo

4-year OS CheckMate-227

- To evaluate the longer term efficacy and safety of first-line nivolumab + ipilimumab in patients with advanced NSCLC in CheckMate 227

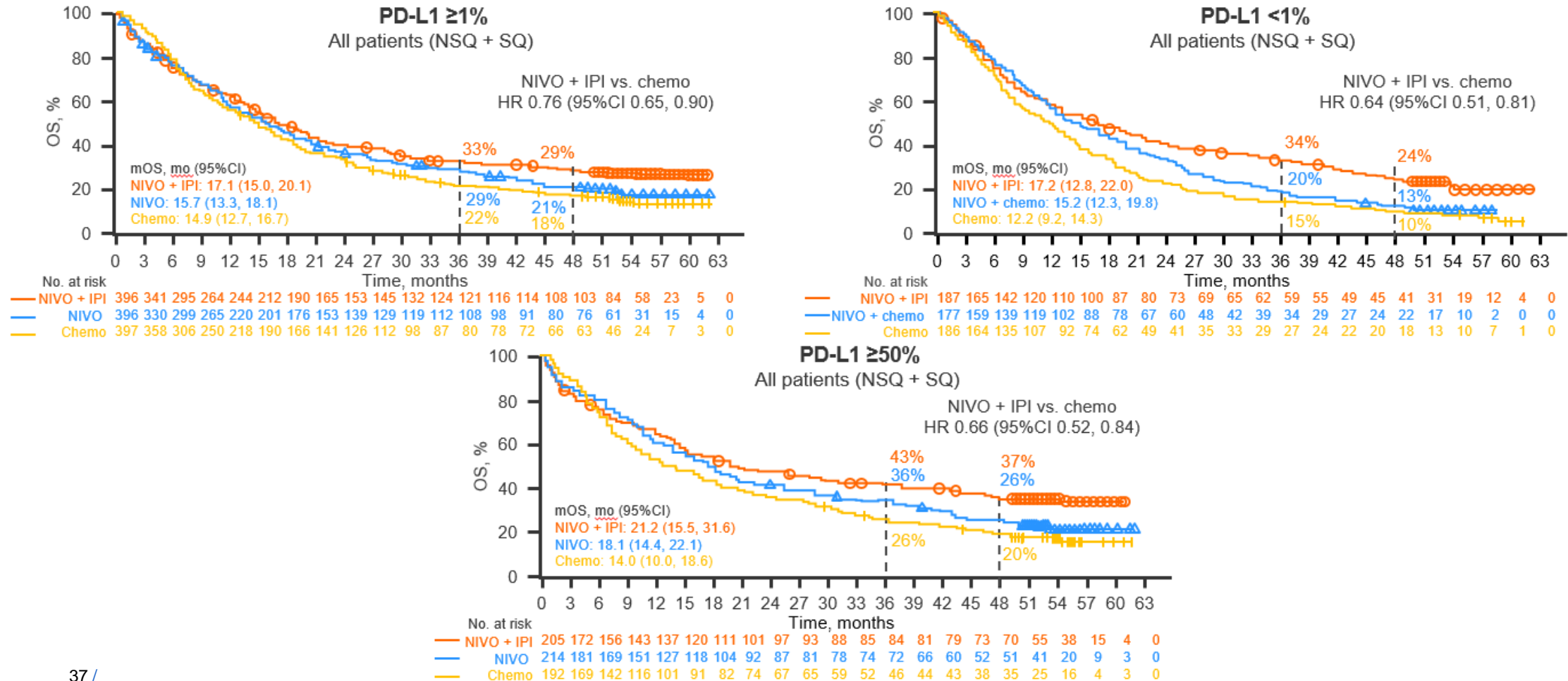


Paz-Ares LG, et al. *J Clin Oncol* 2021;39(suppl):Abstr 9016

OS benefit regardless of PD-L1 or histology

- Key results

Overall survival by PD-L1 status



CheckMate-9LA and 227

- ▶ standard arm no longer in line with current practice (chemo-immuno)
- ▶ chemo-immuno or double checkpoint inhibition + 2 cycles of chemo?
 - ▶ longer follow-up
 - ▶ decisions based on histology, PD-L1 expression, co-morbidities , smoking status

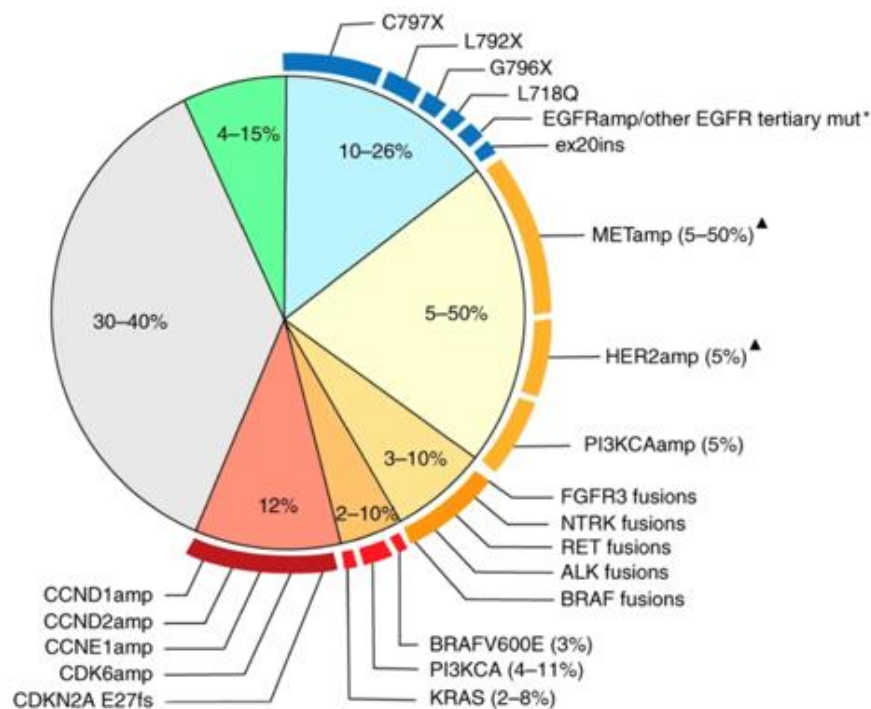


Metastatic NSCLC: oncogene addicted

- overcoming osimertinib resistance: promising strategies
- KRAS (G12C)
- updated results for EGFR exon 20, HER2 exon 20, MET, RET

Resistance mechanisms to osimertinib

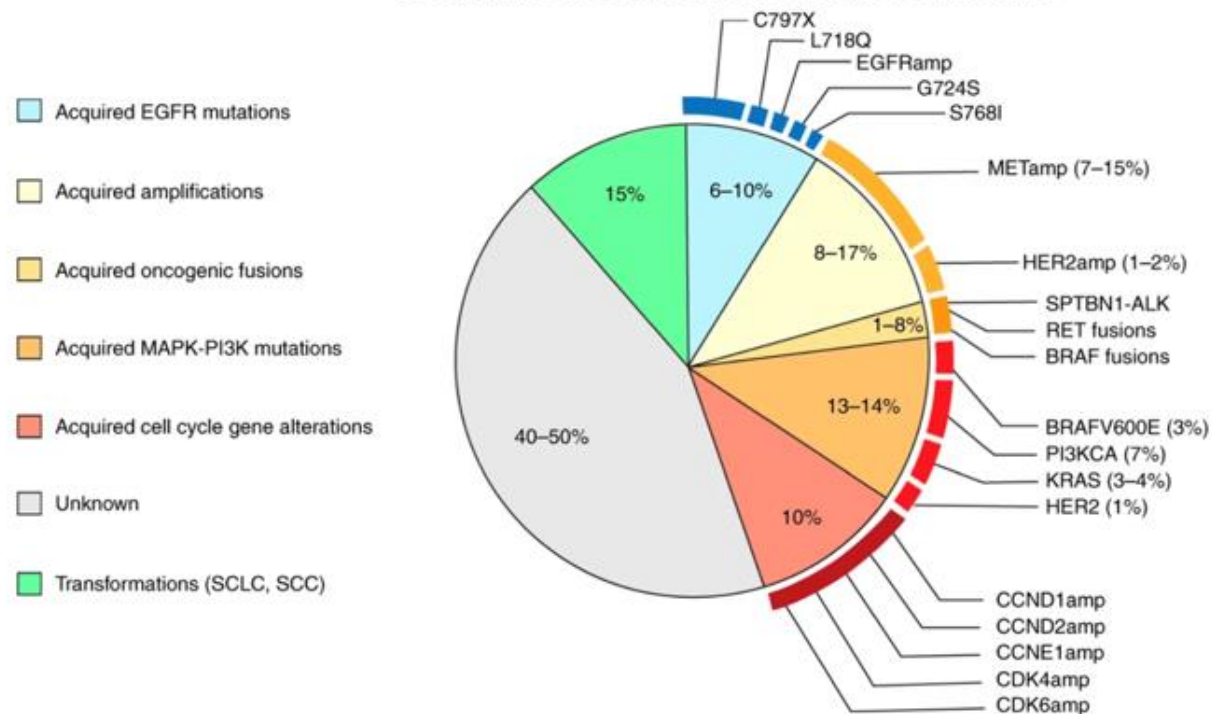
Resistance mechanisms to second-line osimertinib

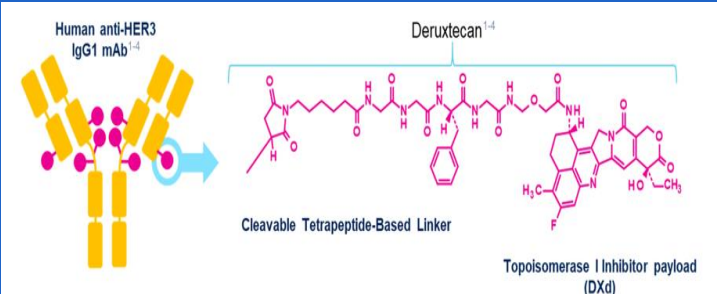



* Other EGFR tertiary mutations include G719X, G724S AND S768I

▲ Mutations have also been reported

Resistance mechanisms to first-line osimertinib



	<div><div><div>Patritumumab-deruxtecan (HER3-DXd)</div><div>(abstract #9007)</div></div><div></div></div>	<div><div><div>Amivantamab + lazertinib</div><div>(abstract #9006)</div></div><div></div></div>
Trial	Phase I dose escalation and expansion	CHRYSLIS phase I dose escalation and expansion
population	EGFR mutation progression on prior TKI	Osimertinib relapsed (n=45)
ORR	39% (26-52)	36% (22-51)
AE	ILD (7%) Platelet count decrease	Rash (78%) Paronychia (49%)

Update and mature OS phase 2 *CodeBreak* 100 trial

- **Study objective**

- To evaluate the efficacy and safety of sotorasib in previously treated patients with KRAS p.G21C-mutant NSCLC in CodeBreak 100

Key patient inclusion criteria

- Locally advanced or metastatic NSCLC
- KRAS p.G12C mutation
- Progressed on prior standard therapies (n=126)

Sotorasib 960 mg/day PO

PD*

Primary endpoint

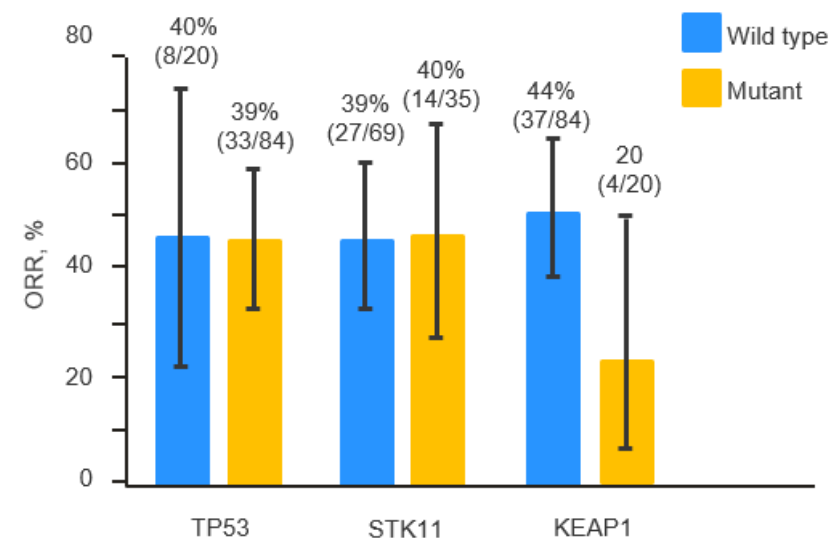
- ORR (RECIST v1.1, ICR)

Secondary endpoints

- DoR, DCR, TTR, PFS, OS, safety

Sotorasib 960 mg (n=124)	
ORR, % (95%CI)	37.1 (28.6, 46.2)
BOR, n (%)	
CR	4 (3.2)
PR	42 (33.9)
SD	54 (43.5)
PD	20 (16.1)
NE/missing	4 (3.2)
Disease control rate, % (95%CI)	80.6 (72.6, 87.2)
mDoR, months (95%CI)	11.1 (6.9, NE)
Median time to response, months (95%CI)	1.35 (1.2, 10.1)
mPFS, months (95%CI)	6.8 (5.1, 8.2)
mOS, months (95%CI)	12.5 (10.0, NE)

ORR by co-occurring mutations in *TP53*, *STK11* or *KEAP1* (n=104)



Efficacy in molecular subgroups

a phase III trial *CodeBreak 200* sotorasib vs. docetaxel (2/3L) is ongoing

Updated results on EGFR exon 20, HER2 exon 20, MET and RET

	EGFR exon 20 (#9014)	HER2 exon 20 (#9015)	MET (#9020)	MET (#9021)	RET (#9089)
agent	Mobocertinib 160 mg QD	Trastuzumab-pertuzumab- docetaxel	Capmatinib 400 mg BID FDA approval EMA awaited	Tepotinib 500 mg QD	Pralsetinib 400 mg QD
ORR	28%	29%	67% (first line) 44% (pretreated)	71% (first line) 42% (pretreated)	62%
mPFS	7.3 m	6.8 m	10.8 m	4.2 m	16.5 m
Tox	TRAEs dis 17%	grade ≥ 3: neutropenia (33%) diarrhea (13%) anemia (9%)	peripheral edema GI effects	grade ≥ 3 TRAEs 29%	TRAEs dis. 6%

SCLC

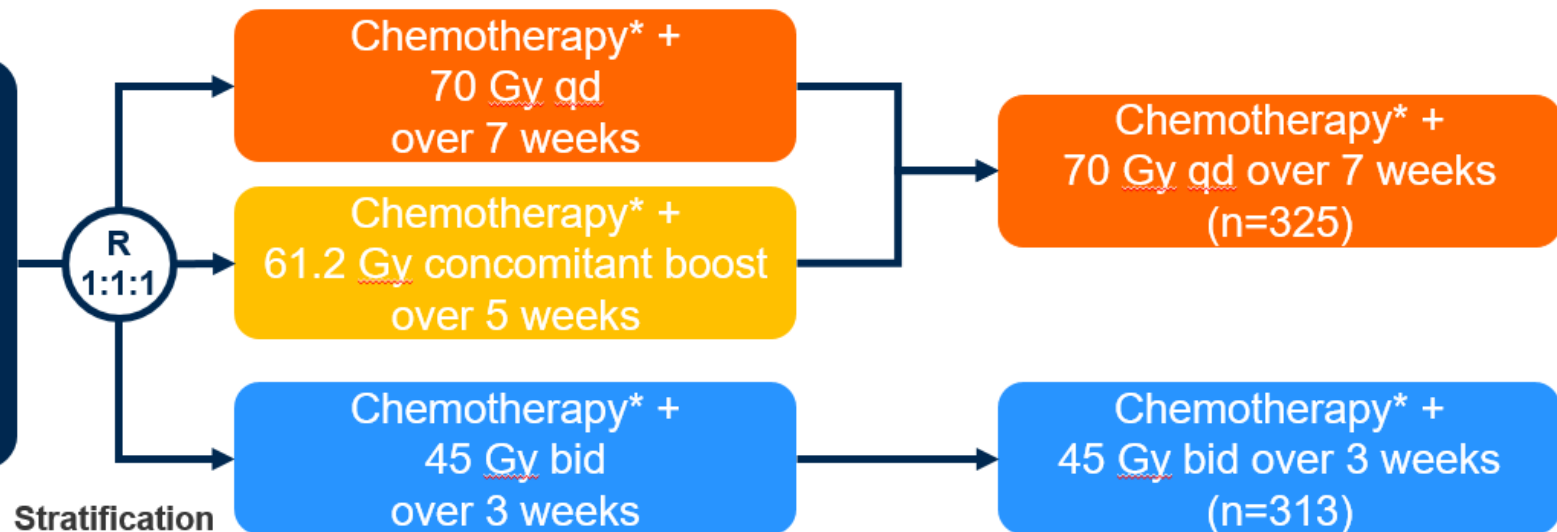
CALGB 30610/RTOG 0538 phase 3 RCT trial

- **Study objective**

- To evaluate the efficacy of high-dose thoracic radiotherapy (TRT) compared with standard TRT in patients with limited-stage SCLC

Key patient inclusion criteria

- Limited-stage SCLC
 - Regional LN involvement excluding contralateral hilar or supraclavicular nodes
 - ECOG PS 0–2
- (n=638)



Stratification

- Sex, weight loss prior 6 months, ECOG PS, TRT technique (3D vs. IMRT)

Primary endpoint

- OS

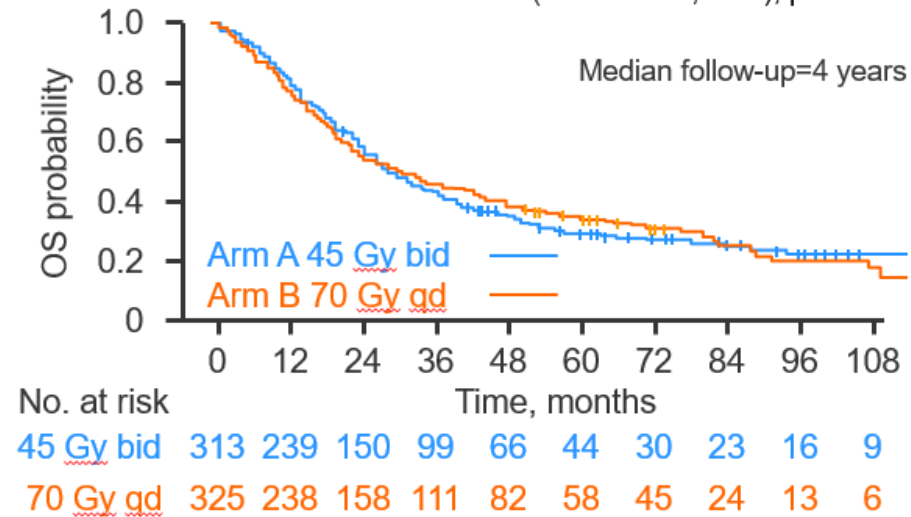
Secondary endpoint

- Safety

Overall survival

	mOS, mo (95%CI)	2-years OS, % (95%CI)	5-years OS, % (95%CI)
45 Gy bid	28.5 (25.4, 35.5)	58 (53, 64)	29 (23, 35)
70 Gy qd	30.5 (25.4, 41.1)	56 (51, 62)	34 (23, 35)

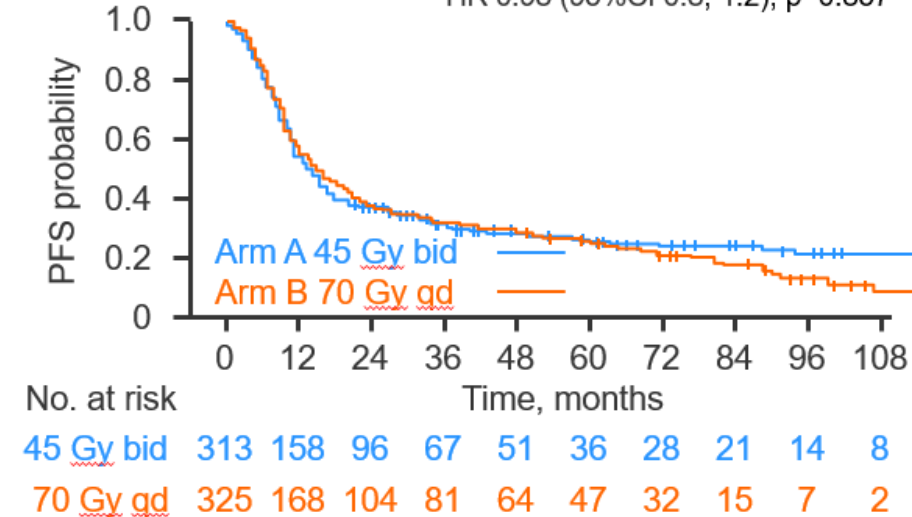
HR 0.94 (95%CI 0.75, 1.17); p=0.591



Progression-free survival

	mPFS, mo (95%CI)	2-years PFS, % (95%CI)	5-years PFS, % (95%CI)
45 Gy bid	13.5 (11.7, 15.8)	36 (31, 42)	25 (20, 31)
70 Gy qd	14.2 (11.9, 17.7)	36 (31, 42)	24 (20, 30)

HR 0.98 (95%CI 0.8, 1.2); p=0.857



45 Gy BID TRT continues to be standard of care

Take home messages

Early stage

- ▶ Atezo (IMpower010):
 - ▶ first IC with clinically meaningful benefit (DFS) in adjuvant setting
 - ▶ OS needed
 - ▶ what in case of relapse?
- ▶ Nivo + platinum doublet (CheckMate816):
 - ▶ promising
 - ▶ more EFS data and OS data needed before practice changing
- ▶ TKI for 2 years compared to chemo:
 - ▶ DFS advantage, no OS benefit
- ▶ VATS lobectomy: standard of care
- ▶ SABR vs. VATS in stage IA:
 - ▶ PFS and OS not inferior
 - ▶ SABR good approach in this population
 - ▶ multidisciplinary board decisions

Unresectable stage III

- ▶ PACIFIC:
 - ▶ first trial improving cure rate (5-y OS)
- ▶ trials with IO combinations and RT ongoing

Metastatic non-oncogene addicted first line

- ▶ nivo-ipi+ 2 cycles of chemo (CheckMate-9LA)
 - ▶ an efficacious 1L treatment
 - ▶ we can reduce the number of cycles chemo
- ▶ nivo-ipi up to 2 years (CheckMate-227)
- ▶ chemo-immuno or double checkpoint inhibition + 2 cycles of chemo?

Metastatic: oncogene addicted

- ▶ new strategies to overcome osimertinib resistance:
 - ▶ HER3-DXd
 - ▶ amivantamab + lazertinib
- ▶ KRAS (G12C)
 - ▶ sotorasib
 - ▶ phase III trial is ongoing (second line)
- ▶ new agents for EGFR exon 20, HER2 exon 20, MET exon 14, RET

SCLC (LD)

- ▶ high dose 70 Gy once daily vs. standard 45 Gy (BID) RCT phase III trial
 - ▶ 45 Gy BID TRT continues to be standard of care



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