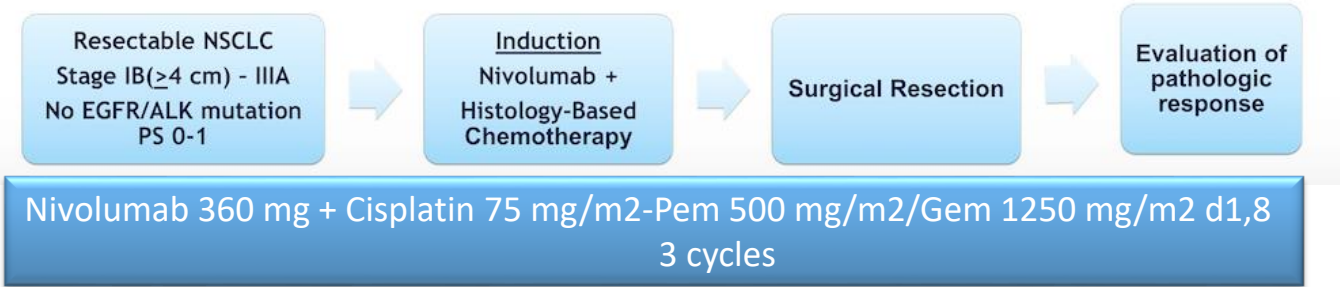


Cáncer de pulmón no microcítico: estadios iniciales y localmente avanzados

Bartomeu Massuti

Hospital General Universitario Alicante - ISABIAL

IT+QT/RT neoadyuvante



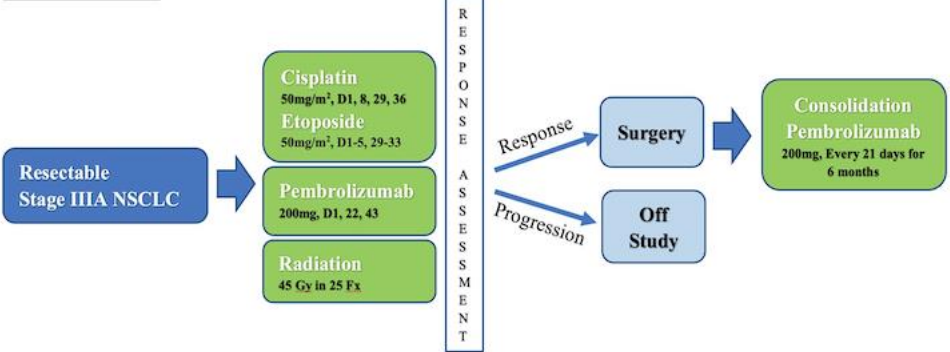
31% Non-Squamous
54% St IIIA
77% PD-L1 >1%

MPR/pCR: 11/13 (85%)
pCR: 3/13 (23%)

pt	Age	Gen	PD-L1 263 (%)	DX	Stage	stage	Path Resp	path response	CT response
1	57	M	70	sq	t1,N1	IIB	pCR	0	CR
2	69	M	30	sq	t3,N0	IIIA	MPR	8.89%	SD
3	60	W	2	sq	T4,N0	IIIA	MPR	0.01%	PR
4	49	M	60	non-sq	t4,N0	IIIA	MPR	0.50%	PR
5	56	W	>50	non-sq		IIB	pCR	0	SD
6	74	W	1	non-sq	t2a,n0	IIA	MPR	5.70%	SD
7	80	M	10	sq	t2a,n0	IIB	pCR	0%	PR
8	76	M	1	sq	t1b,n2	IIIA	MPR	<5%	SD
9	66	M	1	sq	T4,N0	IIIA	MPR	4.07%	PR
10	70	M	5	sq	T4,N0	IIIA	pCR	0	SD
11	71	W	5	sq	t4,N0	IIIA	SD	90%	PR
12	68	M	30	sq	T1,N1	IIB	pCR	0%	SD
13	70	W	<2	non-sq	t3,N0	IIB	SD	84%	SD

NADIM: 41 p
MPR: 83%
pCR: 59%

Methods:

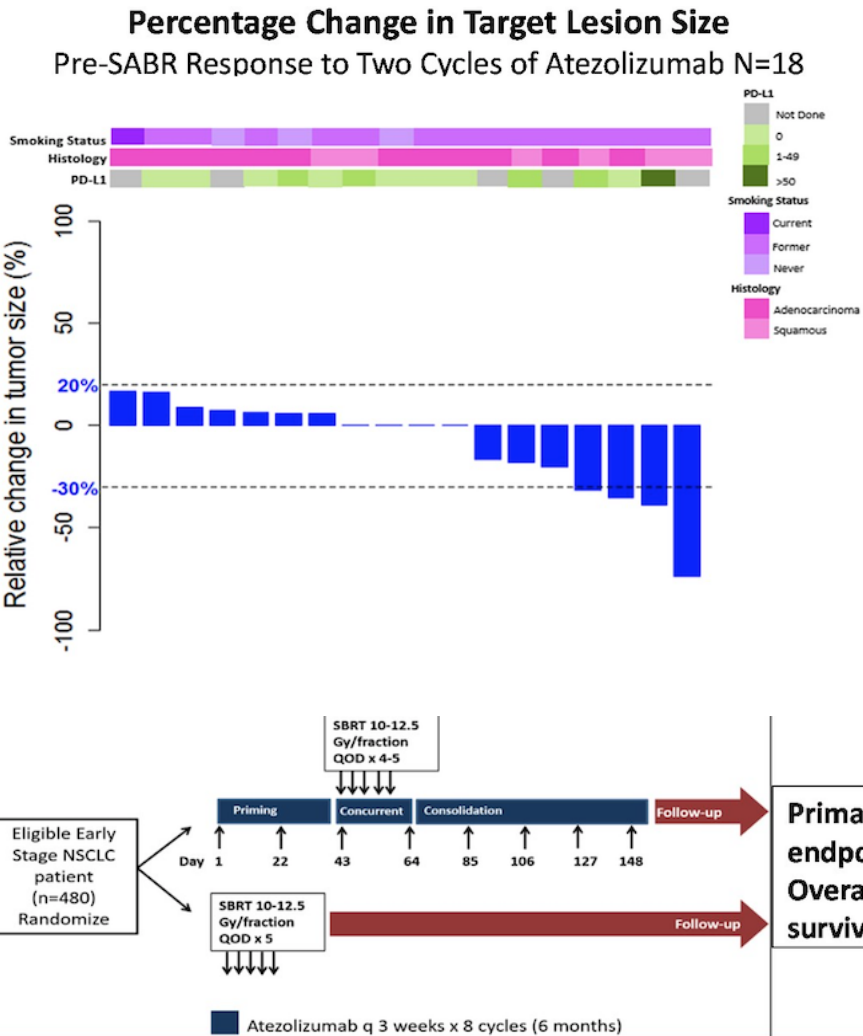
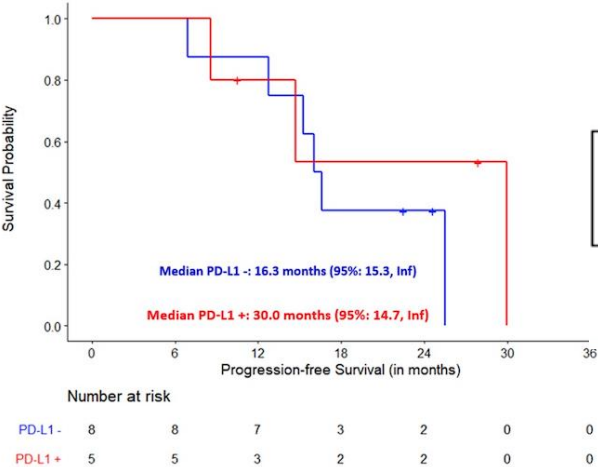
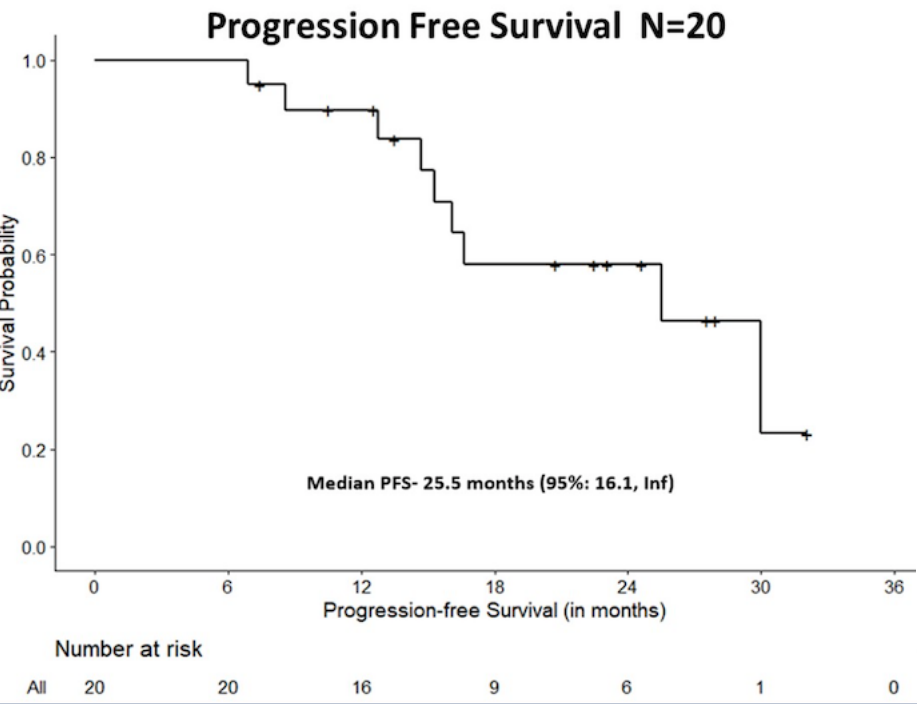
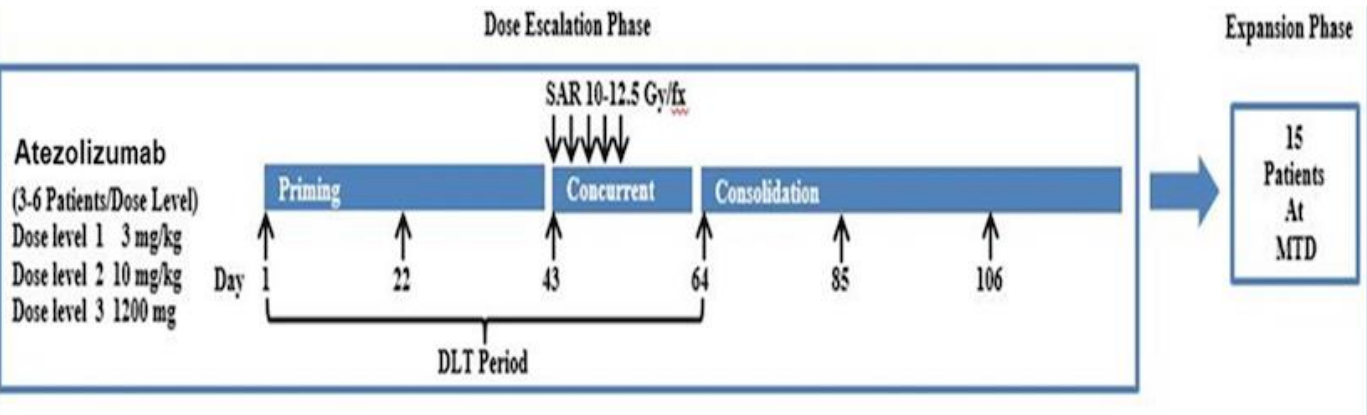


Patients	n = 9	
Completed Neoadjuvant Treatment	7	77%
Assessed for response	8	88%
Overall Response (ORR)		
Complete Response (pCR)	4/8	50%
Partial Response (PR)	1/8	13%
Stable Disease (SD)	1/8	13%
Progressive Disease (PD)	2/8	25%
Complete Resection	6/8	75%
Adjuvant IO	4/8	50%
Median Follow Up	19.6 months	
		95% CI:
6 month PFS	55.6%	31%-99%
Median PFS	Not Reached	

6 Surgery R0

3 Complete
Pembro
Consolidation

Atezolizumab + SBRT en estadios iniciales inoperables



QT adyuvante en CP Neuroendocrino Alto Grado

JOG1205/1206: Study Design

JCOG
Japan Clinical Oncology Group

KEY ELIGIBILITY CRITERIA

- Completely resected HGNEC of the lung
- Pathological stage I-IIIa (7th TNM)
- ECOG PS 0-1
- Age 20-74 years
- Lobectomy or pneumonectomy with resection of N2 lymph nodes within 28-56 days

N=221

R
A
N
D
O
M
I
Z
E
D

EP arm

Etoposide (100 mg/m², days 1-3)
+Cisplatin (80 mg/m², day 1)
every 3 weeks, up to 4 cycles

IP arm

Irinotecan (60 mg/m², day 1, 8, 15)
+Cisplatin (60 mg/m², day 1)
every 4 weeks, up to 4 cycles

ENDPOINTS

- Primary
 - Relapse-free survival
- Secondary
 - Overall survival
 - Proportions of treatment completion
 - Adverse events
 - Serious adverse events
 - Second malignancies

Stratification factors:

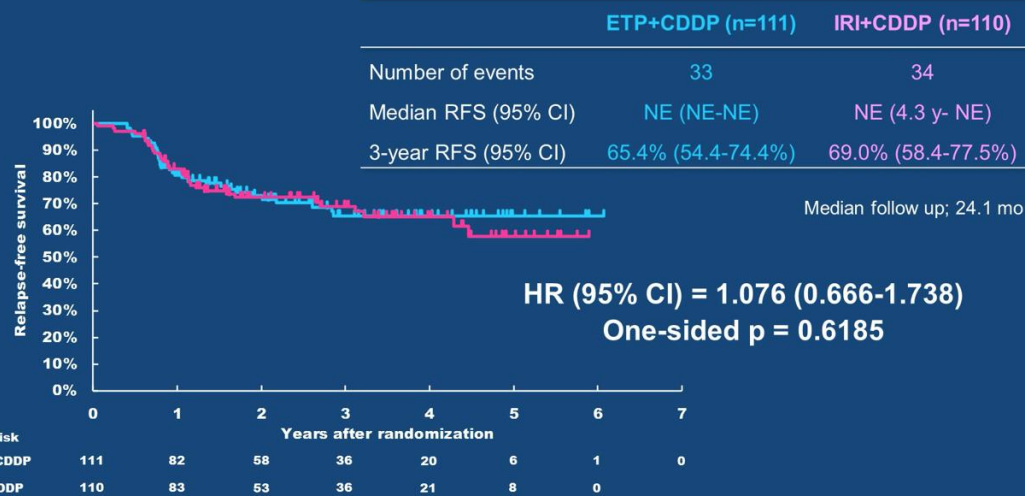
- Sex (female vs. male)
- Pathological stage (I vs. II-IIIa)
- Histology (SCLC vs. LCNEC)
- Institution

UMIN000010298; <https://www.umin.ac.jp/jRCTs031180216>; <https://jrcr.niph.go.jp/>

40-45%
diagn
postop

St IA 26%
St IIIA 17%

Primary Endpoint: RFS (ITT), assessed by investigators



Baseline Characteristics

JCOG
Japan Clinical Oncology Group

		Etoposide + Cisplatin		Irinotecan + Cisplatin	
		N=111	(%)	N=110	(%)
Sex	Male	94	(84.7)	93	(84.5)
	Female	17	(15.3)	17	(15.5)
Age (years)	Median (Range)	65	(39 - 74)	66	(39 - 74)
ECOG-PS	0	75	(67.6)	82	(74.5)
	1	36	(32.4)	28	(25.5)
Histology	SCLC	39	(35.1)	39	(35.5)
	Combined SCLC	20	(18.0)	19	(17.3)
	LCNEC	38	(34.2)	36	(32.7)
	Combined LCNEC	14	(12.6)	16	(14.5)

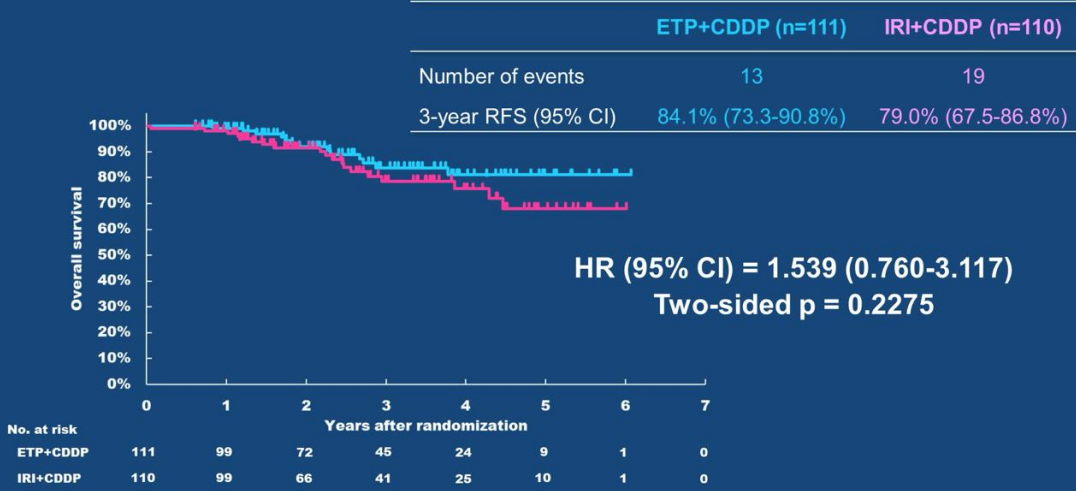
ECOG-PS, Eastern Cooperative Oncology Group performance status
SCLC, Small cell lung carcinoma; LCNEC, Large cell neuroendocrine carcinoma

4 Cycles:
87.4% EP
VS
72.7% IP

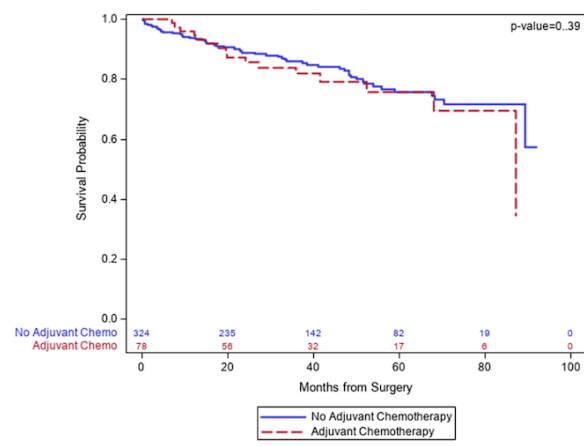
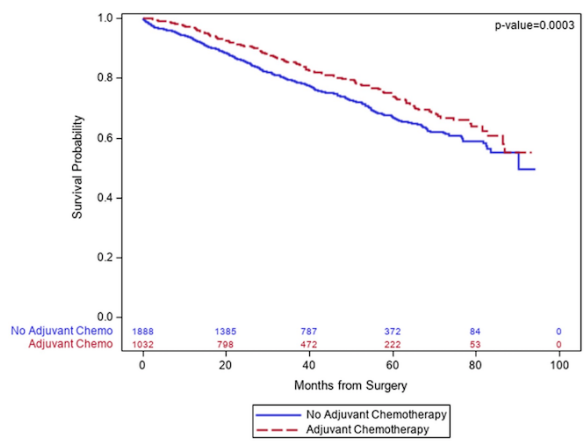
RT ??
PCI??

Overall Survival (ITT)

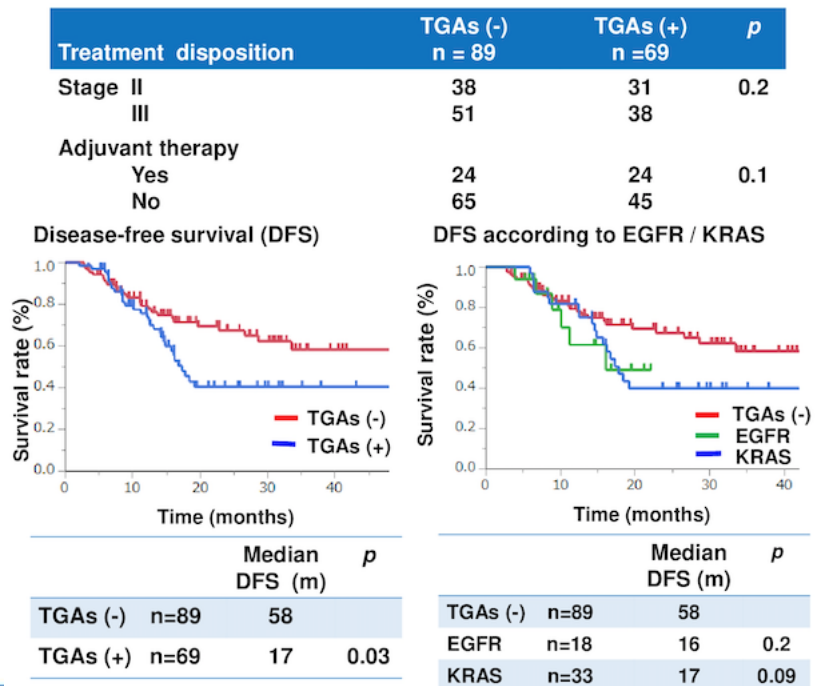
JCOG
Japan Clinical Oncology Group



Tratamiento adyuvante Estadio I > 2 cm y fact. riesgo histol (inv. linfovasc/pleur)

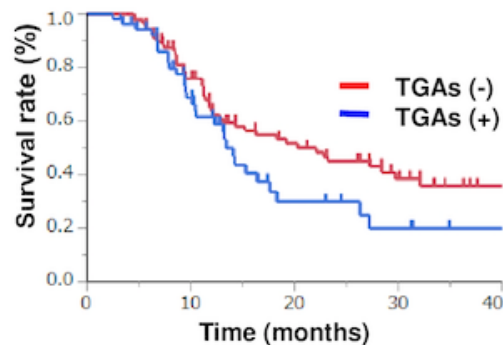


SLE tras resección o QT/RT si alteraciones genómicas



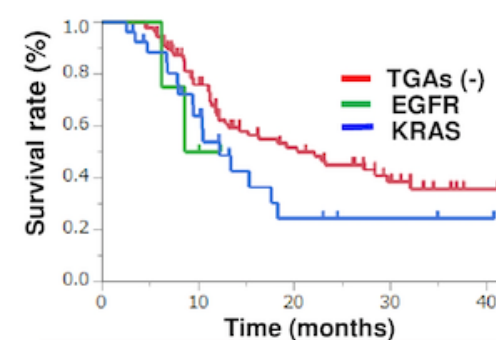
Survival analysis in patients who received chemo-radiotherapy

Progression-free survival (PFS)



	Median PFS (m)	<i>p</i>
TGAs (-) n=94	22	
TGAs (+) n=54	13	0.08

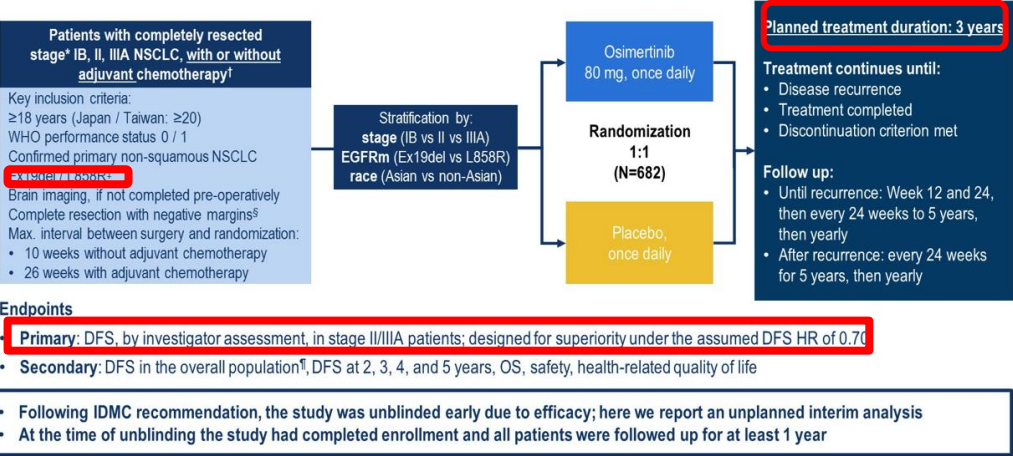
PFS according to EGFR / KRAS



	Median PFS (m)	p
TGAs (-) n=94	22	0.3
EGFR n=5	9	
KRAS n=27	12	

Osimertinib adyuvante en CPCNP EGFRmut+ resecado: ADAURA

ADAURA Phase III double-blind study design

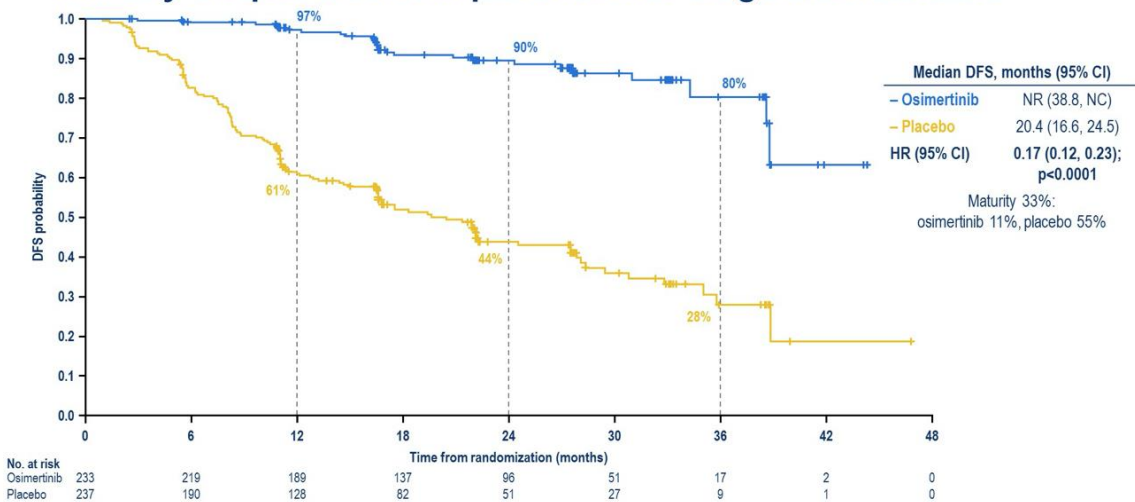


- Endpoints**
- Primary:** DFS, by investigator assessment, in stage II/IIIA patients; designed for superiority under the assumed DFS HR of 0.70
 - Secondary:** DFS in the overall population†, DFS at 2, 3, 4, and 5 years, OS, safety, health-related quality of life

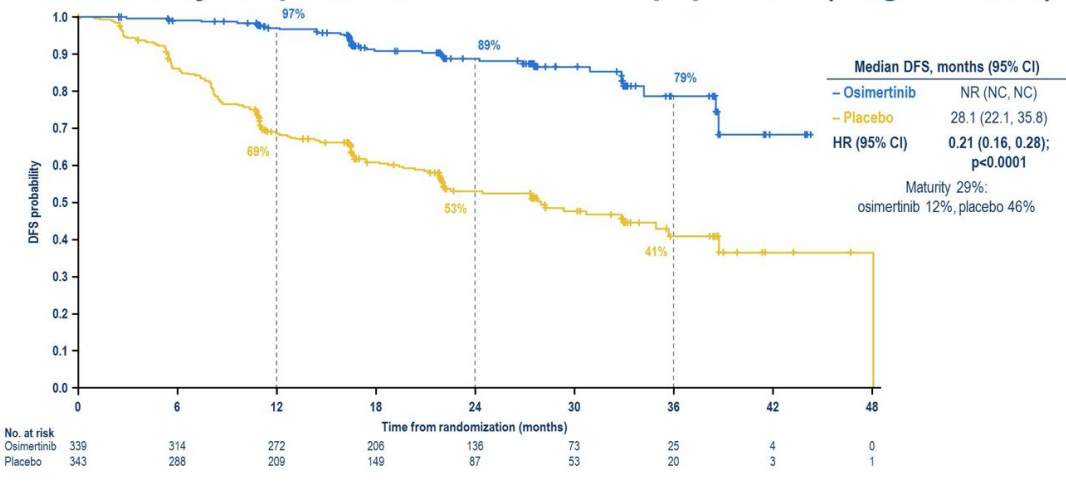
- Following IDMC recommendation, the study was unblinded early due to efficacy; here we report an unplanned interim analysis
- At the time of unblinding the study had completed enrollment and all patients were followed up for at least 1 year

Characteristic, %	Osimertinib (n=339)	Placebo (n=343)
Sex: male / female	32 / 68	28 / 72
Age, median (range), years	64 (30–86)	62 (31–82)
Smoking status: smoker* / non-smoker	32 / 68	25 / 75
Race: Asian / non-Asian	64 / 36	64 / 36
WHO performance status: 0 / 1	64 / 36	64 / 36
AJCC staging at diagnosis (7th edition): IB / II / IIIA	31 / 35 / 34	31 / 34 / 35
Histology: adenocarcinoma / other†	95 / 5	96 / 4
EGFR mutation at randomization‡: Ex19del / L858R	55 / 45	56 / 44
Adjuvant chemotherapy: yes / no	55 / 45	56 / 44

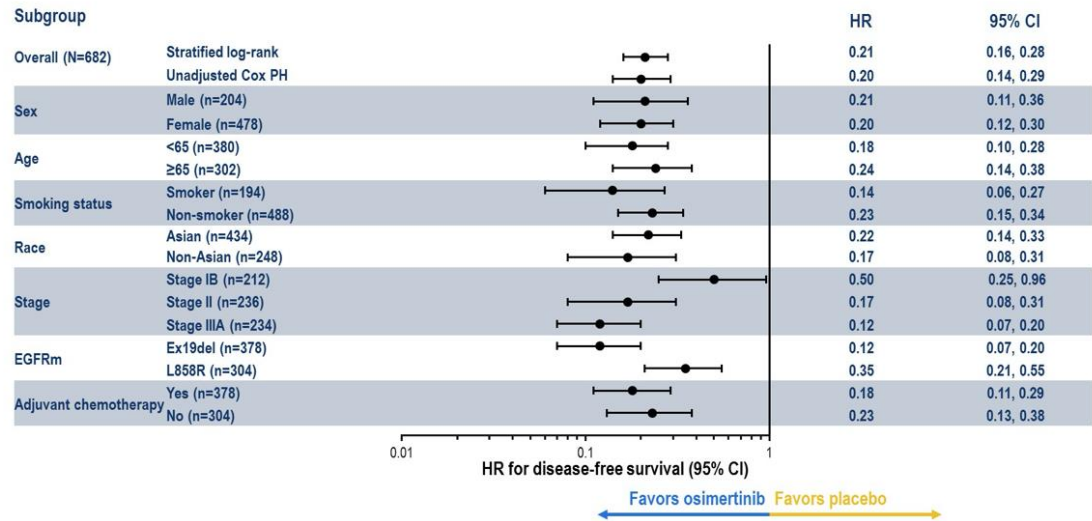
Primary endpoint: DFS in patients with stage II/IIIA disease



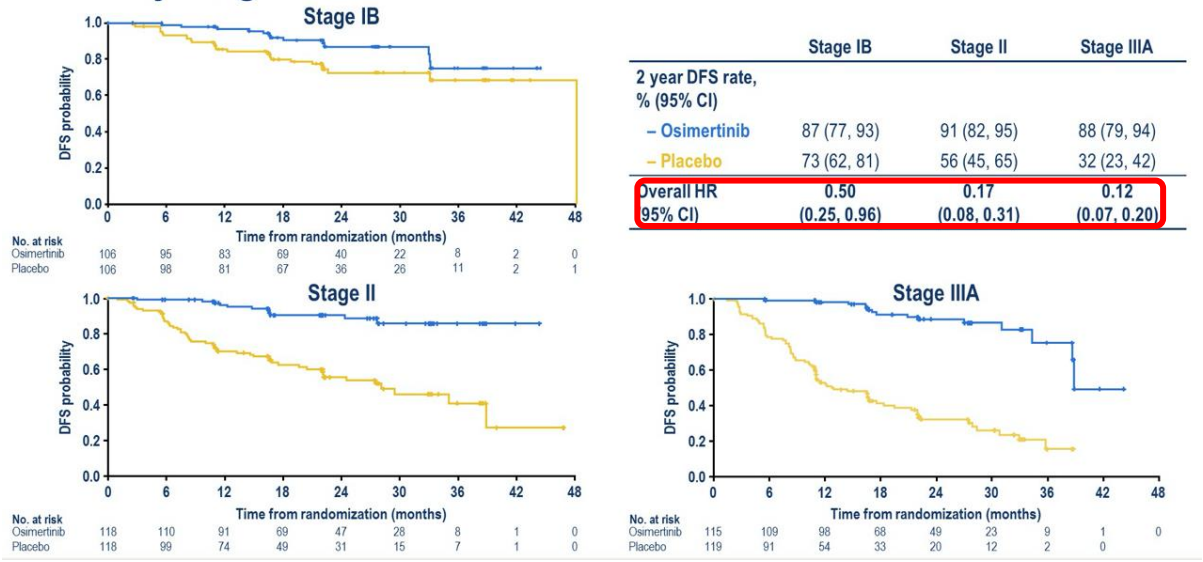
Secondary endpoint: DFS in the overall population (stage IB/II/IIIA)



Osimertinib adyuvante en CPCNP EGFRmut+ resecado: ADAURA

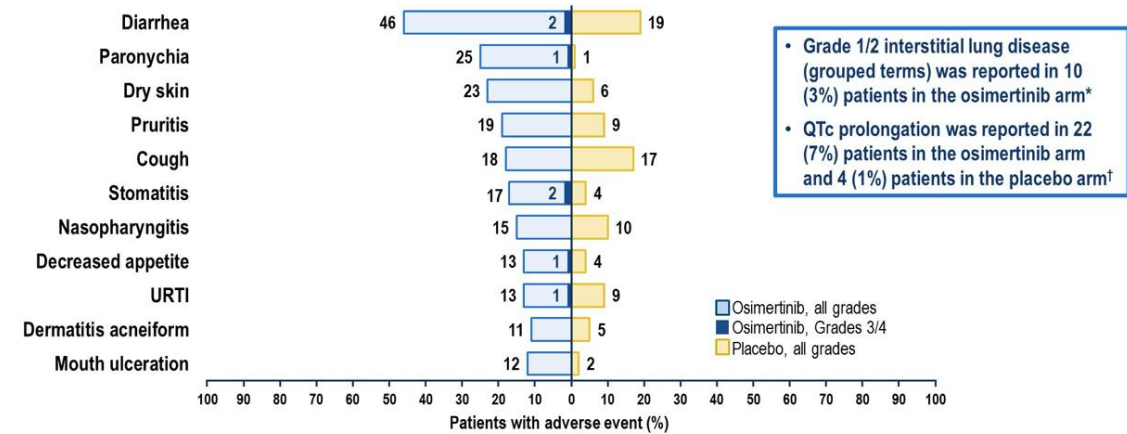


DFS by stage

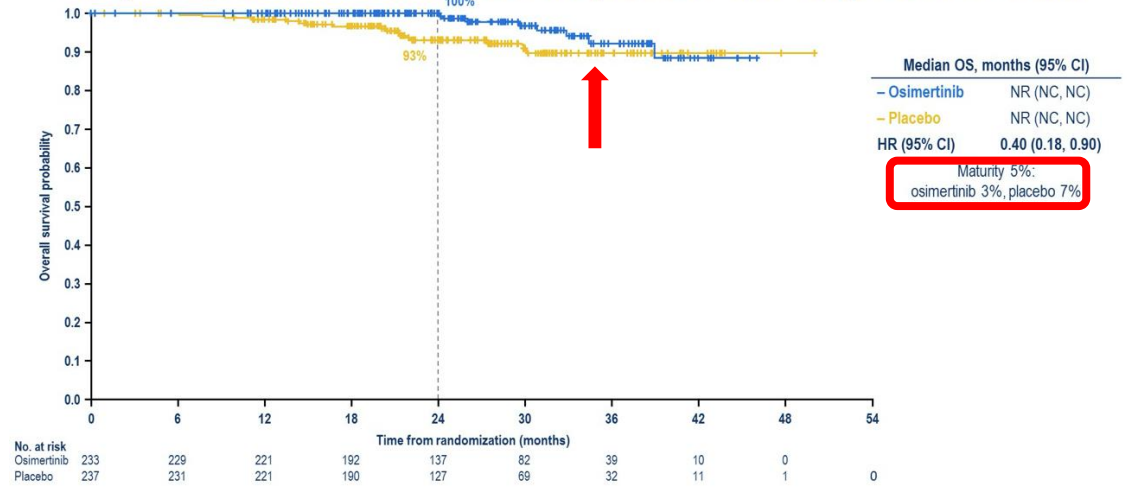


All causality adverse events (≥10% of patients)

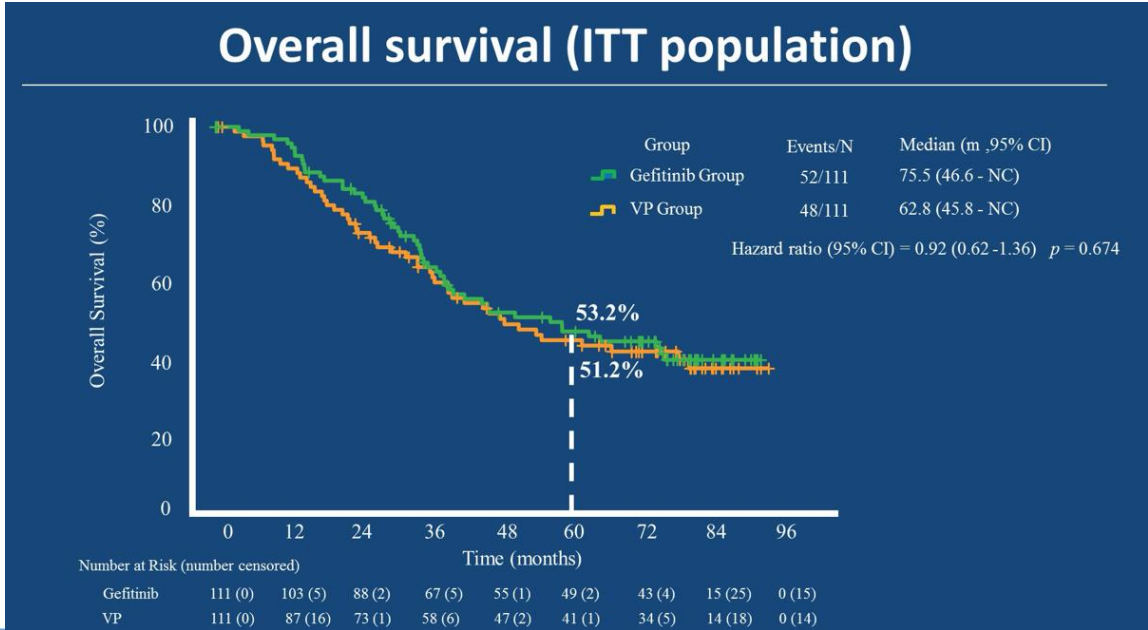
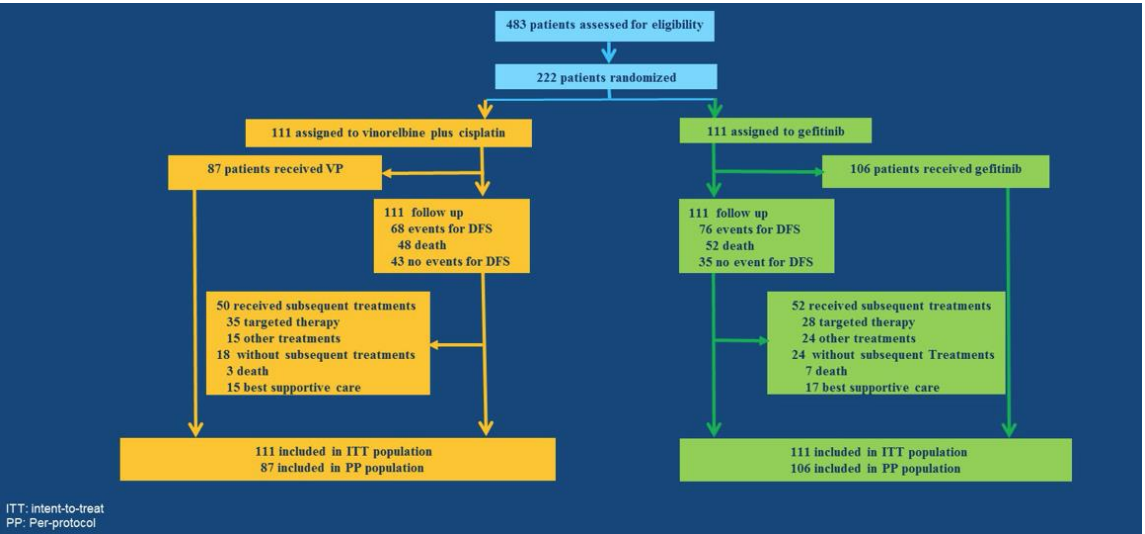
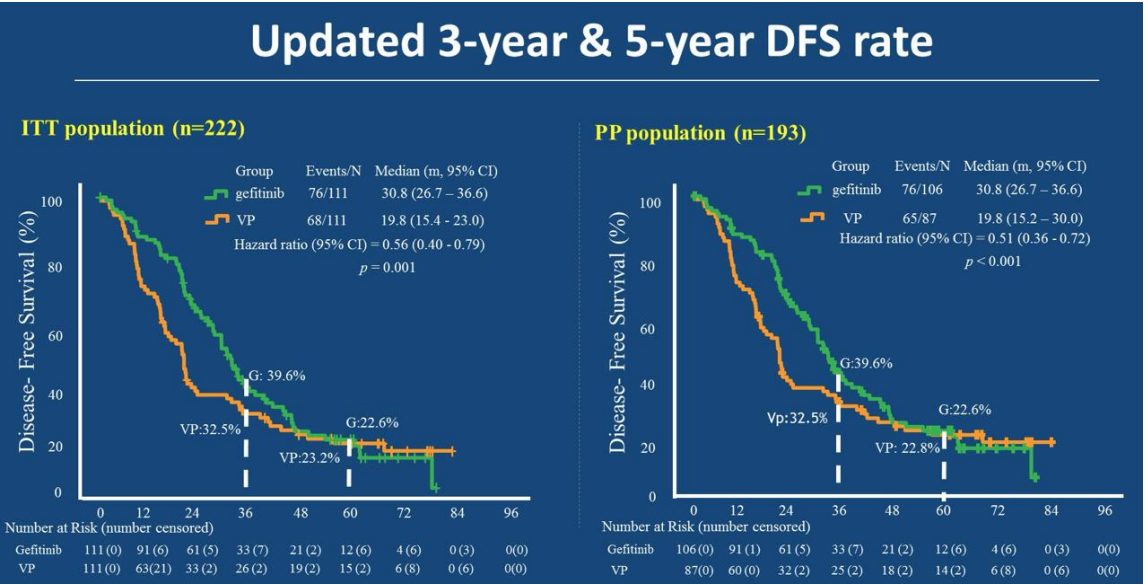
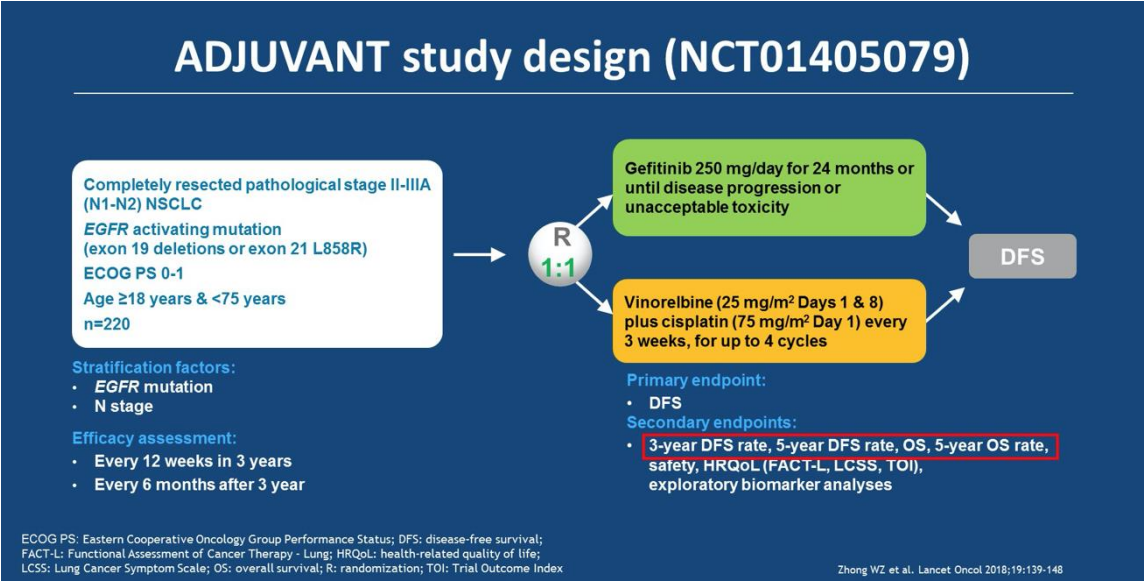
Median duration of exposure: osimertinib: 22.3 months (range 0 to 43), placebo: 18.4 months (range 0 to 48)



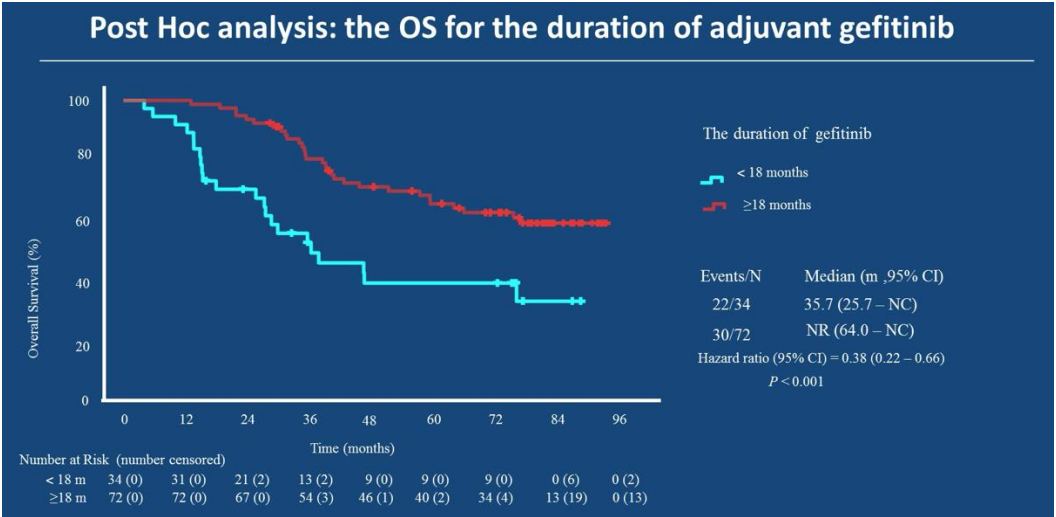
Early snapshot: overall survival in patients with stage II/IIIA disease



Gefitinib adyuvante CPCNP EGFRmut+: CTONG 1104/Supervivencia

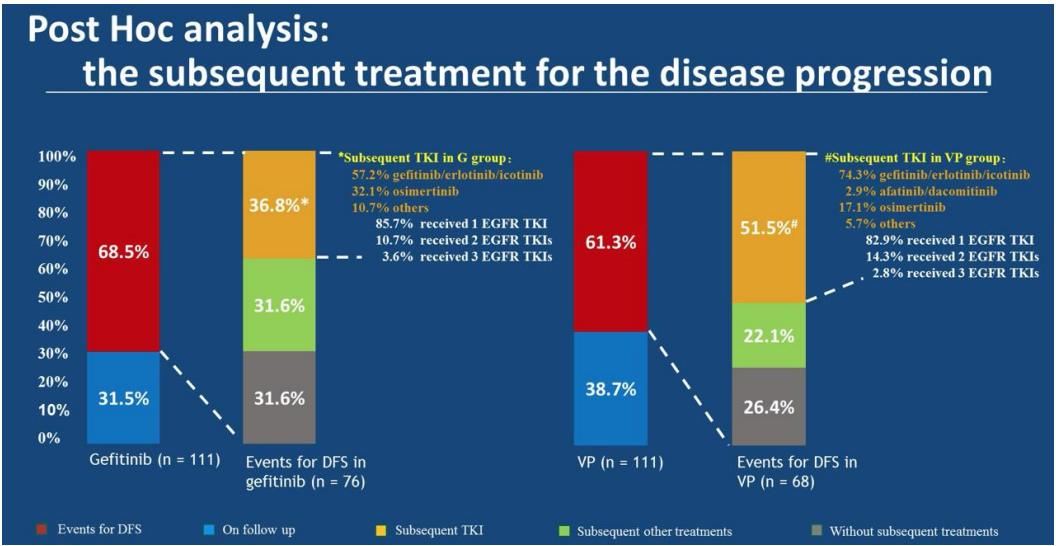
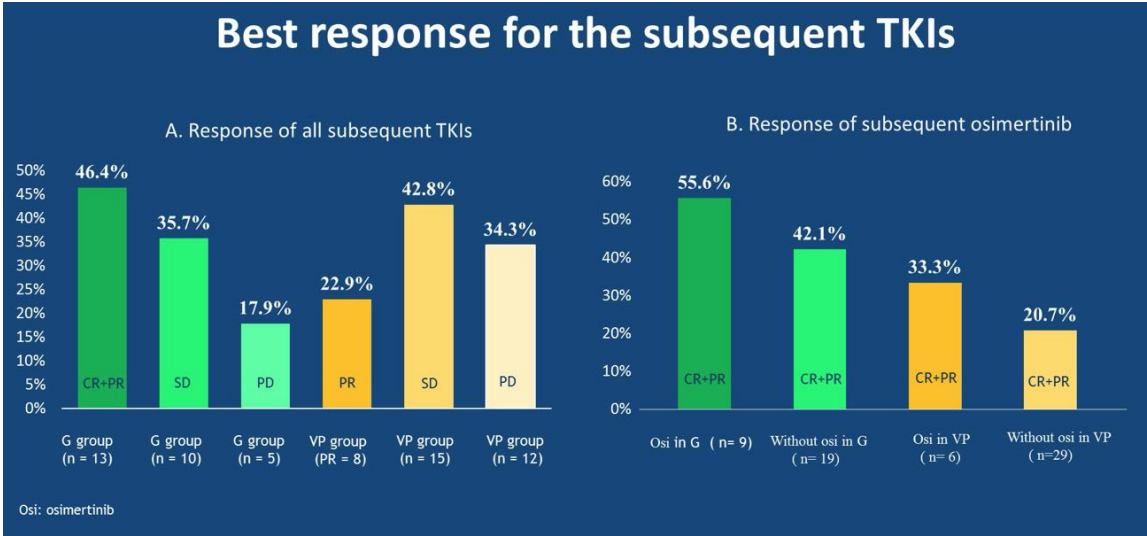


Gefitinib adyuvante CPCNP EGFRmut+: CTONG 1104/Supervivencia



Resistance
mechan.?

T790M?



Intrinsic /
Acquired
Resistance

