



Atezolizumab 1200 / Carboplatin 6 / Nab-Paclitaxel 100 - Atezolizumab 1200 Maintenance, Non-Small Cell Lung Carcinoma

Protocol-ID: 1272 V1.0 (Complete), ATEZ1200/CRBP6/NPAC100 - ATEZ1200 maint., NSCLC

Indication(s)

- Lung Carcinoma, Non-Small Cell (non-squamous); ICD-10 C34.-

Protocol classification

- Classification: alternative
- Intensity: Standard dose
- Therapy mode: First line
- Therapy intention: palliative

Cycles

Cycle length 21 days, recommended cycles: 10

Protocol sequences

- [IMpower130: ATEZ1200/CRBP6/NPAC100, NSCLC \(PID1238\) -|- ATEZ1200/CRBP6/NPAC100 - ATEZ1200 maint. \(PID1272\)](#)

Risks

- Emetogenicity (MASCC/ESMO): high (>90%)
- Neutropenia: high (21-40%) °3-4: 32%
- Thrombocytopenia below 50 000/μl: very high (>41%) °3-4: 45%
- Anemia Hb below 8g/dl: high (16-30%) °3-4: 29%
- Diarrhea: CTC AE °3-4: 5%
- Fatigue: CTC AE °3-4: 6%
- Nausea: CTC AE °3-4: 3%

Therapy

Hydration: Balanced Crystalloid Solution

HYD

Access: peripheral venous

Hydration before, during, or after antitumor therapy

Day	Substance	Dosage	Solution	Appl.	Inf. time	Procedure
1	Balanced Crystalloid Solution	500 ml		i.v.	60 min	60 min before Atezolizumab (d1)

Antineoplastic therapy: ATEZ1200

CTX

Access: peripheral venous

Atezolizumab in non-small cell, non-plate epithelial lung cancer

Day	Substance	Dosage	Solution	Appl.	Inf. time	Procedure
1	Atezolizumab	1200 mg	NaCl 0.9% 250 ml	i.v.	60 min	Sequence

Substance links

Links to substances are found [here](#).

Concomitant therapy supplements

For highly emetogenic chemotherapy, additional olanzapine is recommended in the acute (day 1) and delayed phases (days 2-4) at a dosing of 5-10 mg per day (NCCN, ESMO, ASCO, Onkopedia; as of 6/24).

Notes

Therapy is provided until clinical benefit is diminished or undesirable side effects occur.
The risk data refer to the overall protocol.

Cycle diagram

Hydration: Balanced Crystalloid Solution

Substance	Week 1 / d						
	1	2	3	4	5	6	7
Balanced Crystalloid Solution (i.v.)							

Antineoplastic therapy: ATEZ1200

Substance	Week 1 / d						
	1	2	3	4	5	6	7
Atezolizumab (i.v.)							

Cycles

Cycle length 21 days, recommended cycles: 10

Controls:

- Blood count: on day 1 and subsequently weekly
- Day 1: Blood sugar Risk of immune-mediated endocrinopathies.
- Day 1: TSH, fT3, fT4 Monitor for changes in thyroid function and signs of thyroid disease. Monitor for immune-mediated endocrinopathies at baseline and during therapy.
- Day 1: Na⁺, K⁺, Ca²⁺, Mg²⁺
- Day 1: Glomerular Filtration Rate (GFR) Risk of immune-mediated nephritis
- Day 1: GOT, GPT, GGT, Bilirubin, AP, Cholinesterase Risk of immune-mediated hepatitis

Original indication

non-small cell lung cancer, adeno-, stage IV, first line, ECOG 0-1

Original author

West H (2019)

Origin

Thoracic Oncology Program, Swedish Cancer Institute, Seattle, USA, IMpower130

References

- West H, Atezolizumab in combination with carboplatin plus nab-paclitaxel chemotherapy compared with chemotherapy alone as first-line treatment for metastatic non-squamous non-small-cell lung cancer (IMpower130): a multicentre, randomised, open-label, phase 3 trial. Lancet Oncol 2019 Jul;20(7):924-937. doi: 10.1016/S1470-2045(19)30167-6. PMID: 31122901. [\[PMID\]](#)

Recommendations

- 01/2023: [European Society for Medical Oncology](#)
- 02/2024: [National Comprehensive Cancer Network](#)

Status

Valid since 2019-06-26, Version 1.0, last updated 2024-02-15

Last modification: V1.0: Cato test done. V0.1: Run times according to specialist info.

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