



Atezolizumab 1200 Maintenance, Non-Small Cell Lung Cancer

Protocol-ID: 1272 V1.1 (Standard), ATEZ1200 maint., NSCLC

Indication(s)

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

Protocol classification

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

Cycles

Cycle length 21 days, recommended cycles: 10

Protocol sequences

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

Risks

- Emetogenicity (MASCC/ESMO): minimal (<10%)
- 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](#).

Notes

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

Controls:

- Blood count: before next cycle
- ECG
- Day 1: Na⁺, K⁺, Ca²⁺, Mg²⁺
- Day 1: Creatinine, glomerular filtration rate (GFR)
- Day 1: GOT, GPT, GGT, Bilirubin, AP, Cholinesterase
- Day 1: Lipase
- Day 1: Troponin T, CK, LDH
- Day 1: TSH, fT4, cortisol basal, blood glucose (HbA1c) optional and especially if clinically suspected: fT3, ACTH, DHEA-S, IGF1, prolactin, LH/FSH, estradiol (in women), every 6 weeks to 3 months after the end of immunotherapy and every 3 months thereafter.
- Day 1: Urine status

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](#)

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