



CASE PRESENTATION

HIV AND MENOPAUSE

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Basel
November 6 2019

Presenter Disclosure Information

Lesia Ostapiuk

disclosed no conflict of interest.

Nataliya

51 year old women

- HIV (+) status since 2015 - ELISA (+), immunoblot (+)
- Negative for HCV and HBV
- March, 2016 – CD4 cells 416 cells / μ l.
viral load 17739 copies of RNA / μ l
- May, 2016 - TDF/FTC/EFV
- December, 2016 – undetectable viral load
- GYN: irregular periods (every 2-3 months, no other symptoms, stable partnership and sexually active)

Clinical presentation July, 2017

- Pain in the right iliac region since May, 2017
- Nausea
- General weakness
- Lab results: general blood test Hb 115 g/l, leukocytes $5,3 \cdot 10^9$ /l, erythrocyte sedimentation rate 24 mm / hour
- biochemical analysis of blood - total bilirubin 12,4 mmol/l, aspartate aminotransferase 27 mmol/l, alanylaminotransferase 23 mmol/l, total protein 64,8 mmol/l, blood sugar 5,3 mmol/l
- general urine test - within normal limits

Your diagnostic tools

- A. Ultrasound examination of the abdomen
- B. Fibrogastroscopy
- C. Computed tomography of the abdomen
- D. Tumor markers (CA 19-9, Cancer Embryonic Antigen – CEA)
- E. All answers are correct

Diagnostic results

- CT scan: neoplastic lesion of ileocecal segment. Lymphadenopathy of the ileocecal segment.
- Surgery: right-sided hemicolectomy with ileotransversoanastomosis side-by-side. Cholecystectomy.
- Clinical diagnosis: Cancer of the caecum with terminal bowel infestation of the small intestine. Partial intestinal obstruction. Chronic calculous cholecystitis in the acute stage.

Menopause

- December 2017 – she has recovered from the operation
- Last period in January 2017
- She complains about night sweats and difficulty to sleep
- She has pain during intercourse
- Examination: atrophic vulva and vagina, Uterus indolent, ovaries small and no pain
- Mammography: normal
- Osteodensitometry: Osteopenia

Would you prescribe hormone replacement therapy (HRT) now ?

- A. ART +HRT
- B. ART + HRT after completion of chemotherapy
- C. ART replacement: TDF / FTC / EFV with TDF / FTC / DTG without HRT
- D. ART replacement: TDF / FTC / EFV with TDF / FTC / DTG and HRT
- E. Prescribing hormone replacement therapy is not appropriate

Hormon replacement therapy

- Considering clinical protocols and current standards based on international clinical trials and evidence-based medicine to improve the quality of life of a women, **hormone replacement** therapy may be recommended after prior consultation with a gynecologist and infectious disease specialist.
- Local Estrogen Creme (Vaginal application)
- Oral hormon replacement therapy: Femoston 1/10 and consider replacing ART: TDF / FTC / EFV with TDF / FTC / DTG.



ACKNOWLEDGEMENTS

Dr. Karoline Aebi-Popp, MD, MSc

Dr. Justyna Kowalska, MD, PhD



 EACS European AIDS Clinical Society

THANK YOU!

