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Maria Chikina: None declared, Maxim Elisеev Сpeak-of NSAIDs is characterized by lower pain intensity than as against colchicine or NSAIDs is characterized by lower pain intensity than as against

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Background: Tumor-induced Osteomalacia (TIO) is a rare paraneoplastic syn-
drome caused by tumoral overproduction of fibroblast growth factor 23 (FGF23), resulting in hyperphosphatemia, hypophosphatemia and osteomalacia. Surgery is the only curative treatment, but tumor can locally recur, even after years from primary surgery. Furthermore, some tumors cannot be removed by surgery due to their location.

Objective: To describe a case of a 53-year-old woman affected by recurrent TIO after three surgical attempts of removal treated with Burosumab.

Methods: We describe the case of a 53 years old woman with TIO treated with Burosumab, an anti-FGF-23 monoclonal antibody at present approved for X-linked hypophosphatemic rickets only.

Results: A 46-year-old Caucasian female was referred to our Bone Unit after experiencing several fractures in different sites. She reported being in good health until three years prior consultation. At the time of symptoms onset, she experienced a progressive muscle pain, enabling her to stand for a long period.

During imaging evaluation for traumatic fracture of right great trochanter, the MRI abdomen and 18FDG-PET-CT showed a metabolic pre-sacral lesion. She complained worsening of shoulder pain. It is due to apatite deposits within the tendons. Little data are cur-

Discussion of Interests: None declared.

Disclosure of Interests: None declared, Maxim Elisеev Speak-of NSAIDs is characterized by lower pain intensity than as against

Calcific powders were obtained from patients included in the CALCECHO trial whose main objective was to compare post-procedure pain between two groups: methylprednisolone or placebo injected at the end of the lavage. Based on preliminary blood work and literature data, the following proteins have been selected and quantified by ELISA: Pigment-epithelium Derived Factor (PEDF), Osteopontin (OPN), Peristin (POSTN), Activin A (ACT A), Osteo-

protein was expressed in µg per pg of the total proteins present in the sample. These proteins have been selected for their link to the mineralization. Correlations of each protein and duration of pain or response to UGPL (Mann-Whitney test).

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