Conclusions SIFIB is an easy to perform and safe block that provides analgesia for hip joint and femur procedures, facilitating postoperative rehabilitation. Sensory and motor block can delay mobilization, but with no nerve damage, sequelae are unlikely.

### #36449 ANALGESIC EFFICACY OF PERIPHERAL NERVE BLOCK AND ACETAMINOPHEN MEDICATION – A RETROSPECTIVE STUDY OF 273 LOWER EXTREMITIES SURGERIES WITH ULTRASOUND-GUIDED PERIPHERAL NERVE BLOCK IN A SINGLE CENTER–

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10.1136/rapm-2023-ESRA.615

Please confirm that an ethics committee approval has been applied for or granted: Yes: I'm uploading the Ethics Committee Approval as a PDF file with this abstract submission

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Background and Aims We retrospectively evaluated the clinical analgesia efficacy in multimodal analgesic techniques combining a single peripheral nerve block and a single acetaminophen administration.

Methods A retrospective observational study approved by an ethics committee at a single-center university hospital, 273 lower extremity surgeries performed between April 2020, and April 2021, were conducted. Subjects were maintained by general anesthesia with several US-guided nerve blocks. Pain score (VAS value ≥ five) within 2 hours was defined as block failure (F group: 12.1%). 240 patients in the successful nerve block (group B) to evaluate their clinical efficacy. The primary endpoints were VAS at 0, 2, 6, 12, and 24 hours, the number of patients with VAS values ≥ five within 6 and 24 hours, rescue medications, PONV cases. Statistical analysis using the chi-square, T and Mann-Whitney U test and p-value<0.05 was considered statistically significant.

### #36300 ‘FETTY TRANQ’ – A MULTIDISCIPLINARY APPROACH TO SURGICAL AND ACUTE PAIN MANAGEMENT

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10.1136/rapm-2023-ESRA.616

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Background and Aims There has been dramatic rise in polysubstance abuse including utilization of synthetic compounds. A new combined agent known colloquially as ‘Fetty Tranq’ is an emerging threat. Xylazine, a non-opioid veterinary tranquillizer with direct alpha-2 adrenergic receptor agonism, is being combined with street fentanyl to extend effects and enhance euphoria. Through alpha-adrenergic effects, xylazine produces local vasoconstriction leading to characteristic and progressive wound presentation. Epidemiologic studies demonstrate geographical predominance of this toxic combination in the Northeastern United States, particularly in the city of Philadelphia. The latest health update released by the Philadelphia Department of Public Health in December of 2022 reported detection of xylazine in 90% of street opioid samples.

Methods 41-year-old male with several year history of intravenous drug use presented with several islands of necrotic wounds on bilateral lower extremities. Addiction medicine consulted for withdrawal and pain management in setting of active substance use. Patient taken to OR by plastic surgery for excisional debridement of wounds. Right popliteal-sciatic and left adductor canal catheters placed for postoperative pain management by RAAPM service.

Results Important to recognize, identify and transfer to appropriate level and range of care. This is not a ‘Narcan-resistant opioid’, but rather a combination of two chemicals with physical and psychological consequences.