PETHIDINE INDUCED EPILEPTIC SEIZURE
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Pethidine is a fast and potent prescribed opioid analgesic used by which oral or intramuscular, intravenous, subcutaneous injection. This drug is indicated for the treatment of moderate to severe pain. It has adverse effect that dyspnea, nausea, vomiting, loss of appetite, hypotension, constipation, urinary retention. Pethidine is rarely reported to cause seizures. In this presentation we report a case of seizures following the administration of pethidine.
CASE: A 17-years-old woman, who was a syncope during the procedure ESWL (Extracorporeal Shock Wave Lithotripsy) treatment, was present to emergency service. Her medical history was urolitiasis. She was given pethidine by which intramuscular before procedure at ESWL and then she had a generalised tonic-clonic seizures. No abnormal findings were noted on routine laboratory tests, brain magnetic resonance imaging and interictal electroencephalography (EEG). At 3-year follow-up, she had no seizures.