Pseudocholinesterase enzyme deficiency, is rarely seen as an inherited or acquired. Clinical effects such as succinylcholine and mivacurium in the destruction of exogenous choline ester drugs are seen as unexpected prolongation. Pregnant women of anestesia, rapid induction with succinylcholine is widely used. In this case, after the use of succinylcholine have investigated a pregnant woman with prolonged apnea