
The effect of ligation of the inferior thyroid artery during thyroidectomy on parathyroid functions

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development in the technique of thyroidectomy has occurred to reach both surgical safety and clinical cure. This essay aimed at studying a suggested modification in the thyroidectomy technique which entailed non ligation of the inferior thyroid artery. There is a statistically evident decrease in the parathyroid functions after classical thyroidectomy. It may be concluded that non ligation of the inferior thyroid artery is a safer step in preserving the vascularity of the parathyroid glands and its functions.