**Original article:**

**Histochemical study of foetal tracheal glands**

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**Abstract:**

The submucosal glands in the trachea of 50 human foetuses of 24 weeks to 37 weeks were studied by histochemical methods .This study was carried out to study the mucin pattern of human tracheal glands and correlated it with functional significance. Serial coronal sections were stained with H & E, Alcian blue at pH 1.0 and pH 2.5, Periodic acid schiff, combined Alcian blue and Periodic acid schiff, Aldehyde Fuchsin –Alcian blue pH 2.5. The submucosal glands of foetal trachea contained neutral and sulfated acid mucosubstances.

**Key words :** mucin, submucosal glands, trachea, human foetus