

GOSSYPIBOMA MIMICKING AS MEDIASTINAL MASS IN YOUNG GIRL. A CASE REPORT

Fizza Iftikhar*, Abdul Baseer*, Muhammad Imran*, Aamir Bilal*

*Department of Thoracic Surgery, Post Graduate Medical Institute, Lady Reading Hospital, Peshawar, Pakistan

Address for correspondence:

Fizza Iftikhar

Department of Thoracic Surgery, Lady Reading Hospital, Peshawar, Pakistan

ABSTRACT: Gossypiboma or textilloma are terms which are used for the retained cotton gauzes during operative procedures inside body.¹ It causes inflammatory reaction and may lead to abscess formation, infection or may present as mass.² We are reporting case of 18 years old girl who was diagnosed as left Mediastinal mass operated for PDA ligation 16 years back and remained asymptomatic.

KEY WORDS: Gossypiboma; Textilloma; Mediastinal Mass

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INTRODUCTION

Gossypiboma or textilloma is defined as retained cotton gauzes inside body after surgery.³ It can cause severe reaction and may form a sizeable mass.⁴ Even after introduction of check lists and other cautions it occurs.⁵ It is avoidable and very rare but medico legal entity.⁶ It may present as acute emergency due to abscess formation or may remain asymptomatic for years.⁷ The common site is abdomen and pelvis and is quite rare after cardiothoracic surgery.⁸ The reported incidence of retained foreign bodies like needles, sponges and instruments is 0.01% to 0.001% among which gossypiboma is common.⁹

CASE REPORT

We are reporting a case of 18 years old young girl who presented with complaints of chest pain and cough. She had history of PDA ligation in childhood after that

she was asymptomatic and started symptoms two months back. Her workup was done and CT scan showed left sided well circumscribed mass arising from mediastinum. Thoracotomy and excision of mass was planned. After general anesthesia, left posterolateral Thoracotomy was done and Mediastinal mass was found which was adhere to left pulmonary artery posteriorly. Adhesions released all around except posterior aspect and deroofting of mass done and shattered pieces of gauzes were found which were removed and sent for histopathology which was in favor of fibrinous material without any malignant cells.

Patient recovered from anesthesia very smoothly and stayed in intensive care unit for 48 hours. Patient discharged from post ICU ward after two days. The total length of hospital stay was 5 days. She called for follow-up after two weeks and her condition was well and having no complaints.

