

external link (opens in a new window)

Search Sources Analytics Alerts My list Settings Live Chat Help Tutorials

Quick Search

Search

Back to results | < Previous 9 of 125 Next >

[Link to Full Text](#) | [Download](#) [Export](#) [Print](#) [E-mail](#) [Create bibliography](#) [Add to My List](#)

Tanaffos

Volume 5, Issue 4, 2006, Pages 43-46

Thymectomy by partial sternotomy for the treatment of non-thymomatous myasthenia gravis

Sadrizadeh, A. , Bagheri, R., Haghi, S.Z.

Department of Cardiothoracic Surgery, Ghaem Hospital, Mashhad University of Medical Sciences and Health Services, Mashhad, Iran

Abstract

[View references \(15\)](#)

Background: Myasthenia gravis is an autoimmune disease characterized by weakness and fatigue of voluntary muscles. Thymectomy is considered an effective therapeutic option for patients with myasthenia gravis. The purpose of this study is to evaluate the efficacy of thymectomy by partial sternotomy for the treatment of non-thymomatous myasthenia gravis. Materials and methods: From 2002 to 2006, patients with non-thymomatous myasthenia gravis who underwent thymectomy through a partial median sternotomy were studied prospectively and analyzed to evaluate the results of thymectomy performed by this technique. Results: There were 10 patients (8 women and 2 men) and the mean age at the time of thymectomy was 25.9 years. Eight patients (80%) were in class IIA of Osserman's classification while 2 patients (20%) were in class IIB. Mean duration of symptoms before operation was 2 years. Mean follow-up was 9±3 months. Mean postoperative hospital stay was 6.1 days (5 to 10 days). Pathology examination revealed thymus hyperplasia in all patients. There was no mortality. Complications occurred in two (20%) patients. One (10%) patient needed mechanical ventilation for 24 hours postoperatively. After 6 months of follow-up, 2 patients (20%) had complete remission of symptoms, 5(50%) had a significant improvement, 2(20%) had a mild improvement, whereas one patient (10%) had no improvement in his clinical symptoms. Conclusion: Partial median sternotomy may be a useful surgical approach to the thymus, as demonstrated by the good functional and aesthetic results, associated with low morbidity and no mortality. © 2006 NRITLD, National Research Institute of Tuberculosis and Lung Disease, Iran.

Reaxys Database Information

|

Author keywords

Myasthenia gravis; Partial sternotomy; Thymectomy

Indexed Keywords

EMTREE medical terms: adult; article; artificial ventilation; clinical article; clinical trial; disease classification; disease duration; female; follow up; histopathology; hospitalization; human; length of stay; male; myasthenia gravis; pneumothorax; postoperative infection; postoperative period; remission; sternotomy; surgical approach; symptom; thymectomy; thymus hyperplasia; treatment response

ISSN: 17350344 Source Type: Journal Original language: English

Document Type: Article

References (15)

[View in table layout](#)
[Page](#) [Export](#) [Print](#) [E-mail](#) [Create bibliography](#)
 Keesey, J.C.

- 1 [A history of treatments for myasthenia gravis](#) (2004) *Seminars in Neurology*, 24 (1), pp. 5-16. Cited 10 times. doi: 10.1055/s-2004-829584

[Link to Full Text](#) [View at publisher](#)

Cited by since 1996

This article has been cited 0 times in Scopus.

Inform me when this document is cited in Scopus:

[Set alert](#) | [Set feed](#)

Related documents

Showing the 2 most relevant related documents by all shared references:

Zhang, W. , Chen, S. , Luo, W.
Perioperative management and video-assisted thoracoscopic extended thymectomy for myasthenia gravis
 (2009) *Journal of Central South University (Medical Sciences)*

Mohite, P.N. , Rana, S.S. , Sadasivan, P.
Thymectomy through lateralized partial sternotomy
 (2011) *Journal of Cardiovascular Disease Research*

[View all related documents based on all shared references](#) or [select the shared references to use](#)

Find more related documents in Scopus based on:

[Authors](#) | [Keywords](#)

More By These Authors

The authors of this article have a total of **26 records** in Scopus: (Showing 5 most recent)

Bagheri, R., RajabiMashhadi, M.T., Ghazvini, K., Asnaashari, A., Zahedian, A., Sahebi, M.A.
The effect of neoadjuvant chemoradiotherapy on airway colonization and postoperative respiratory complications in patients undergoing oesophagectomy for oesophageal cancer
 (2012) *Interactive Cardiovascular and Thoracic Surgery*

Bagheri, R., Maddah, G., Tavasoli, A., Riyabi, F.N.

[Add apps](#) | [Help](#)