

# **Comparison of therapeutic effects of Pig tail catheter versus Chest tube for the treatment of spontaneous pneumothorax**

In this study to investigate the efficacy of pigtail catheter and chest tube placement in patients with primary spontaneous pneumothorax compare.

Sick patients referred to Imam Reza Hospital Tabriz between 2015 and 2016 who have early spontaneous Pneumothorax

Choose a randomized clinical trial was had. Type the sample size for each group to be 90% and the confidence level of 95 / Grft.nmvnh formula instead of a random sample of 21 patients was performed. In the first group and the second group for patients of chest tube size 28 Pig Tail No. 12 was implanted.

The site was also recorded.

In this study, 42 patients with primary spontaneous pneumothorax chest tube into two equal groups matched and sex distribution of strata divided 21 males and 5 females in each group was 16.

In the study, there was no statistically significant difference in pain between the two groups.

less pain is embedded in the group treated with Pigtail it is recommended that treatment with primary spontaneous pneumothorax introduced as the first treatment to be used.