

# African Journal of Surgery and Specialties

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## Results of the treatment of inguinal hernias according to the Desarda technique in Burkina Faso.

**S Ouedraogo**

**In Sanou**

**To Zida**

**SS Traore**

### Abstract

Inguinal hernia is common. Its treatment is surgical, but the treatment techniques are numerous and sometimes expensive. The aim of this work was to report the results, in

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terms of postoperative pain and recurrence, of hernia repair using the Desarda technique in rural Burkina Faso. We carried out a 12-month prospective study at Tenkodogo regional hospital, including 52 adult patients operated for inguinal hernia using the Desarda technique. Complicated, bilateral or recurrent inguinal hernias were excluded. The parameters evaluated were mainly postoperative pain and recurrence. Fifty-two patients were included in the study, including 46 men (88.4%) and 6 women (11.6%). The mean age of the patients was 47.5 years. There were 6 Nyhus type I hernias, against 14 type II and 32 type III. The average duration of a surgical intervention was 40 minutes. Thirty patients (57.7%) reported acute postoperative pain, the intensity of which was rated as low on the simple visual scale. Chronic postoperative pain was noted in 2 patients (3.8%). No recurrence was noted after 18 months. The hernia repair technique according to Desarda is simple to perform. Its results in terms of postoperative pain and recurrence are encouraging. 8%). No recurrence was noted after 18 months. The hernia repair technique according to Desarda is easy to perform. Its results in terms of postoperative pain and recurrence are encouraging. 8%). No recurrence was noted after 18 months. The hernia repair technique according to Desarda is simple to perform. Its results in terms of postoperative pain and recurrence are encouraging.

**Keywords** : inguinal hernia; treatment ; aponeuroplasty;

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Desarda

**English Abstract:**

Inguinal hernia is common in Africa. Its treatment is surgical, but the surgical techniques are numerous and sometimes expensive. The aim of this study was to report the results of inguinal hernias treatment according to Desarda's technique in Burkina Faso rural environment. We conducted a prospective study of 12 months duration in regional hospital of Tenkodogo, including 52 hernias treated according to Desarda technique. The parameters evaluated were mainly postoperative pain and recurrence. Fiftytwo patients were included in the study, including 46 men (88.4%) and 6 women. The average age of patients was 47.5 years. There were 6 hernias of type I of Nyhus' classification, against 14 of type II and 32 of type III. The patients were operated under loco-regional anesthesia. The mean duration of a surgical procedure was 40 minutes. Thirty patients (57.7%) reported acute post-operative pain of low intensity. Chronic postoperative pain was observed in 2 patients (3.8%). No recurrence was observed after 18 months. The treatment of inguinal hernia according to Desarda's technique is simple to achieve. The results with respect to post operative pain recurrence are encouraging.

**Key words** : inguinal hernia; treatment; aponeurosis; Desarda

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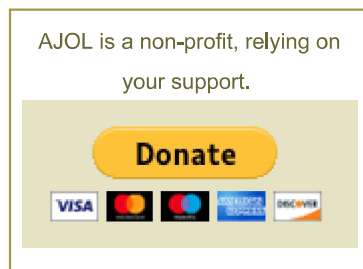
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