Introduction
Massive scrotal lymphedema, also termed elephantiasis, can be caused by obstruction, aplasia or hypoplasia of lymphatic vessels. Lymphatic filariasis is the leading type of lymphedema worldwide, affecting an estimated 120 million people. It is an endemic conditions located in the tropical regions of the world. These areas include SE Asia, the Indian sub-continent, Africa, and areas of South America. Infestations of infection by a microscopic threat like parasitic worm. The three main worms include *Wuchereria bancrofti*, *Brugia malayi*, and *B. timori*. The symptom of infections are swelling of an arm, leg or genital areas. Suspicion of lymphatic filariasis of course, may be made upon the appearance of the lymphedema. The worst symptoms of the chronic disease generally appear in adults, and in men more often than in women. In endemic communities, some 10-50% of men suffer from genital damage, especially hydrocele (fluid-filled balloon-like enlargement of the sacs around the testes) and elephantiasis of the penis and scrotum. In longstanding cases, the enormously swollen scrotum may bury the penis. The diagnosis can be confirmed from microscopic examination of smears of blood or diethylcarbamazine (DEC) for 4 years. CFT for filaria was strongly positive but microfilariae in the blood were not detected even after provocative test. Total 15 kg of scrotal penile skin was removed and reconstructed by trunk skin flaps.

Case report:
A 45 years male beggar from Laksham, Comilla, street beggar by profession, weighing 55 kg, smoker, non-diabetic, was admitted in Comilla Medical College Hospital with the complaints of huge scrotal swelling and penis & bipedal nonpitting edema for about 10 years. The swelling was gradually increasing in size & now so big that it is hampering in walking, sitting, and defecation & micturation. He is a known case of Filariasis for which he is taking Diethylcarbamazepine for last four years.

Summary:
A 45 years male beggar admitted to this hospital with a huge swelling of scrotum and penis and bipedal nonpitting edema. This swelling was gradually increasing which hampered his personal life. He was previously diagnosed as a case of filarial scrotum and penis. He took diethylcarbamazine (DEC) for 4 years. CFT for filaria was strongly positive but microfilariae in the blood were not detected even after provocative test. Total 15 kg of scrotal penile skin was removed and reconstructed by trunk skin flaps.
Steps of Operation
On examination he is mildly anemic; there was bipedal non-pitting edema & some non healing tropic ulcer over both ankle joints. Local examination, there was huge scrotum and penis, skin of which shows eczematous changes, fissuring with verrucous & papilla were seen. The external urethral orifice was totally covered by tag of skin & very difficult to locate.

Laboratory investigation shows CFT for filarial was strongly positive; microfilaria in the blood was not detected even after provocative test. Histopathology was not done by omission. Under spinal anesthesia, we resected the whole scrotum & penile skin which weighs about 15 kg & scrotal & penile coverage by local whole trunk skin flaps. The patient recovers uneventfully. The postoperative morbidity was the delayed wound healing.

**Discussion:**
Elephantiasis of the penis and scrotum is the most common clinical problem encountered by urologists in patients with filariasis. Surgical treatment for genital filariasis is indicated in patients with significant cosmetic or functional morbidities. Various surgical procedures have been developed to remove the edematous tissue in patients with genital elephantiasis. The principles of these operations follow general plastic surgery principles. Wound healing is slow and complicated in patients with filariasis because of the lymphedema and chronic scarring. Patients who require excision and grafting of the scrotal or penile skin are at higher risk for graft failure. Wound infections are also common in these patients. In extensive disease, complete excision of all elephantoid tissue, preferably saving the penis, spermatic cord and testes, is appropriate. In accordance with the desires of the patient we preserved the spermatic cords and both testes despite the extent of the disease. If available, scrotal flaps are most suitable for reconstruction of the scrotum. Medial thigh flaps can be used in the absence of adjacent scrotal tissue. Mesh skin graft is widely accepted for use in penile skin defects. In this case after complete excision & reconstruction, the patient gained considerable quality in life. The patient now is able to move himself. After a follow-up period of 3 months the patient’s erectile function was re-established enabling sexual intercourse. This case shows that surgical therapy can provide good functional and cosmetic results even in massive scrotal & penile elephantiasis. It is the rare case in this zone so at present longer study can not be done.

**Conclusion:**
Giant Scrotal & penile lymphedema is a rare syndrome. *Wuchereria bancrofti* is the usual organism in Asia. Scrotal lymphedema in the western world is of variable origin. We present one Asian patient with giant scrotal & penile lymphedema and discuss the diagnostical and therapeutical approach. In the case presented here extensive excision of elephantoid tissue saving penis, spermatic cord and testes was performed with adequate cosmetic and functional results.
References: