HISTORICAL FACTS OF GROIN HERNIAS

Lt.Col.Dr. B.K.Hamal MBBS, MS (Gen.Surg)

- Earliest record of Inguinal Hernia dates back to 1500 BC.
- Literal Meaning of Hernia in Greek is offshoot, a budding or a bulge. The Latin meaning is rupture or a tear.
- During first century, operating of Hernia comprised of cutting neck of Scrotum there by cutting Hernial sac, cord and testes.
- Paul of Aegina in 700AD described the mass ligature of sac and cord at the external ring.
- Guy de chauliac in 1363 differentiated between Ingulinal and Femoral Hernia.
- Franco in 1556 described the use of grooved dissector to cut strangulating neck.
- Casper Stomayer in 1559 published the first text book on Hernia.
- Lister in 1865 introduced method of antisepsis contributing a great deal in hernia surgery.
- Koch Developed method of asepsis.
- Marcy, used antiseptic techniques in repair of Hernia.
- Lucas Championniere in 1881 first splitted the external oblique aponeurosis to reveal the inguinal canal.
- The greatest contribution in Hernia Surgery is by Edoardo Bassini, the Italian Surgeon. He laid the Inguinal canal wide open and then repaired the fascia transversals from pubic tubercle to beyond the internal ring. He realised the importance of repairing the tranversalis fascia and reinforcing the posterior wall of the cannel. He performed the first operation in 1884 and published his work of 206 operation in 1887,1888, 1890 and 1894. He is called the father of modern Herniorrhaphy.
- Shouldice in 1953 described multi layered repair. He repaired by double breasting the fascia transversalis, the inguinal ligament and external oblique aponeurosis. He used fine wires for suture.
- Shouldice Hospital in Toronto, Canada is the world authority in Hernia surgery with record of recurrence rate of less then one percent.
- Modern pioneers in the fields of tissue repair of Hernia are Berliner (1984), Liebtenstein (1986) and Wilkinson (1988).
- Earliest darn repair was done by MC Arther in 1901 followed by Kirschner in 1910 and Handly in 1918.
- Gallie and Le Mesurier in 1921 used fascia late for repair.
- Mair in 1945 used strips of skin denuded of dermis from incision margins for repair.
- Ogelvie in 1937 introduced silk lattice repair.
- Maingot in 1940, 1941 and 1970 advocated Floss silk for his darn.
- MC Leod in 1955 used silk for posterior lattice repair.
- Nichols and Diacs in 1940 and Aries in 1941 explored the use of nylon in Hernia Surgery in the experimental animals.
- Melick in 1942 first reported the use of braided multifilament nylon for use in inguinal Hernia.

Moloney in 1948 advocated the Bassini type suture of continuous monofilament nylong in 1948 advocated the Bassini type suture of continuous monofilament nylong and Salar supported by the works of Shuttle worth and Davies in 1960, Leacock and Rolling Doig and Kinmonth in 1974, and Abrahamson is Moloney in 1948 advocated the Bassini type suture of control and interest in 1960, Leacock and plant was further supported by the works of Shuttle worth and Davies in 1960, Leacock and plant was further supported by the works of Shuttle worth and Davies in 1974, and Abrahamson in 1994. Moloney in 1948 advocated works of Shuttle worth and 1974, and Abrahamson in 1974, and Abrahamson in 1962, Ellis in 1962, Elli in 1962, Ellis in 1075, 1988.

1988.

Earliest synthetic sheet or weaves or patches to fill the gap in the weakened posterior was by Witzel and Geopel in 1900 in Germany.

advocated by Witzel and Geopel in 1900 in Germany. Tantalum metal sheets were introduced by Burke in 1940.

Tantalum metal sheets were introduced by 2

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The modern era of transabdominal but extra peritoneal repair of Harnia was introduced.

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The modern era of transabdominal but Calla Personal Was introduced to Cheatle in 1920 with various modifications by Henry in 1936, Musqrove in 1949, MC Electron in 1954, Nyhus in 1960 & Readin 1968 & 1979. in 1950, Mikkelsen in 1954, Nyhus in 1960 & Readin 1968 & 1979.

HISTORY OF EXTERNAL MESH AND HERNIA REPAIR

Mesh prosthesis to buttress and reinforce a previously sutured 1958 - Usher: repair.

Plug repair for femoral and recurrent inguinal Hernia. 1974- Lichtenstein:

Reinforcement of repair with a mesh. 1984- Martin and Max:

Dacron mesh placed in the pre-peritoneal space over a large are 1984- Stoppa:

Only mesh patch as a primary Hernia repair. 1986- Lichtenstein:

Sutureless repair of small to moderate sized by inguinal Hemia 1991- Gilbert: cones & Swatches.

Mesh and rectus abdominis tendon transfer. 1992- Bellis:

Mesh plug herniorrhaphy for all inguinal and femoral Hernia 1993- Robbin and Rutkow:

1993- Horton and Flovence: Preperitoneal patch through anterior route.

1993- Wexner: Laparoscopic Hernia mesh repair.

Histroy of Classification of groin Hernia

Castein in 1967 published a 3 staged classification of Inguinal and Femoral Hernia.

Halversion in 1970 Described four groups of groin Harnia. Nyhus in 1960 Described four types of Hernia.

Gilbert in 1987 and 1988 discussed his simple classification of five types.

Present day classification:

A. Gilbert's classification:

INDIRECT: 1. Type I: Snug internal ring, intact canal floor.

Type II: One finger breadth internal ring, defective

2. DIRECT: canal floor (scrotal and sliding)

Entire canal floor defective no peritoneal sac anterior Type IV:

to canal floor, intact internal ring. Diverticular defect admitting no more than the state of t Type V: Finger, internal ring intact.

NYHUS CLASSIFICATION:

Type I:

Indirect inguinal Hernia: Internal Inguinal ring normal (Child's Hernia)

Type II:

Indirect inguinal Hernia: Internal ring dilated but posterior inguinal wall intact. Inferior deep epigastric vessels not displaced.

Type III:

Posterior wall defect.

Direct Inguinal Hernia. A.

Indirect Inguinal Hernia, Internal ring dilated medially encroaching or B. destroying the transversalis faseia of the Hesselbach triangle (eg. Massive scrotal, sliding or pantaloon Hernia)

Type IV:

Recurrent Hernia

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