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Abstract
In some cases of biceps-to-triceps transfer the muscle fibres of the biceps are inserted very distally, preventing correct setting of the transfer. A knowledge of the anatomy of the intramuscular part of the distal tendon of the biceps is useful to lengthen this tendon proximally. A study of 40 specimens showed that the intramuscular part of the distal tendon of the biceps is a large flattened lozenge-shaped aponeurosis located in a frontal plane. It receives muscle fibre insertions on both aspects. The length of the invisible part of the tendon can be estimated by a simple formula : 0.55 a + 4 cm, where 'a' represents the length of the tendon between the most proximal tendinous point visible, and the most distal muscle point visible.

Author Keywords
Anatomy; Biceps brachialis; Tendinous transfers; Tetraplegia

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