

## **Xiaflex (Collagenase) Impact on the Management of Dupuytren's Disease: Making the Case for Treatment in a Public Healthcare System**

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**Abstract :** Dupuytren's contractures are a debilitating condition affecting the palmar fascia of the hand reducing its function. This case series looks at the minimally-invasive technique of Xiaflex injections and the outcome in a public health setting. 15 patients undertook collagenase injection (Xiaflex, *C. histolyticum*) injection over the period from September 2015 to May 2017 at Fairfield Hospital, NSW. Their reported outcome post injection and in follow-up was recorded as well as their satisfaction and likelihood to request the procedure in the future. Other treatment modalities include percutaneous needle aponeurotomy, limited palmar fasciotomy, and palmar fasciectomy. A literature review of cost-effectiveness was performed to compare Xiaflex suitability for waitlist reduction in a public setting given average waiting times in the public setting extend past 365 days.

**Keywords :** Dupuytren's Disease, xiaflex, collagenase, plastic surgery

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