

Setting up a Primary Stroke Center in Bogota-Colombia. An International Collaborative Experience

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Introduction

According to the 2015 report of the Colombian Ministry and Social Protection of Health cerebrovascular disease in Colombia has a global mortality rate of 32.8 / 100,000, an approximately incidence of 97.4 / 100,000 and an estimated disabilityadjusted life-years (DALYs) lost of 364.5. The global need to standardize stroke management has led to the creation of Primary Stroke Center (PSC) Certification programs like the one regulated by the Joint Commission International (JCI).

Objectives

Based on the agreement between Johns Hopkins and Fundacion Santa Fe since 2011, the directives at the Fundacion supported the development and certification of the Stroke Program in 2013

Materials and Methods

In 2008, in hopes of providing a holistic stroke care to improve patient's prognosis and quality of life, the Fundacion Santa Fe de Bogotá University Hospital (FSFB) developed the first institutional stroke diagnosis protocol along with the establishment of a stroke code. The increase in number of stroke patients lead to the 24/7 open stroke center with both creation of a thrombectomy intravenous endovascular and capabilities. 2016, Johns the In Comprehensive Stroke Center (JHCSC) and the Johns Hopkins International (JHI) visited the hospital in order to improve the current practice protocols and identify breaches in the process of care of stroke patients (**Fig.1**). Using a standardized evaluation tool, relevant gaps were identified and taken care of by means of short-term improvement strategies developed and applied by the FSFB stroke team before submitting the formal application as a certified Primary Stroke Center (Fig.2 & 3). Implemented strategies that improved the quality of care and patient-centered outcomes were as follows (Fig.4 & 5).





