Successful Refinement of a Cochlear Implantation Service

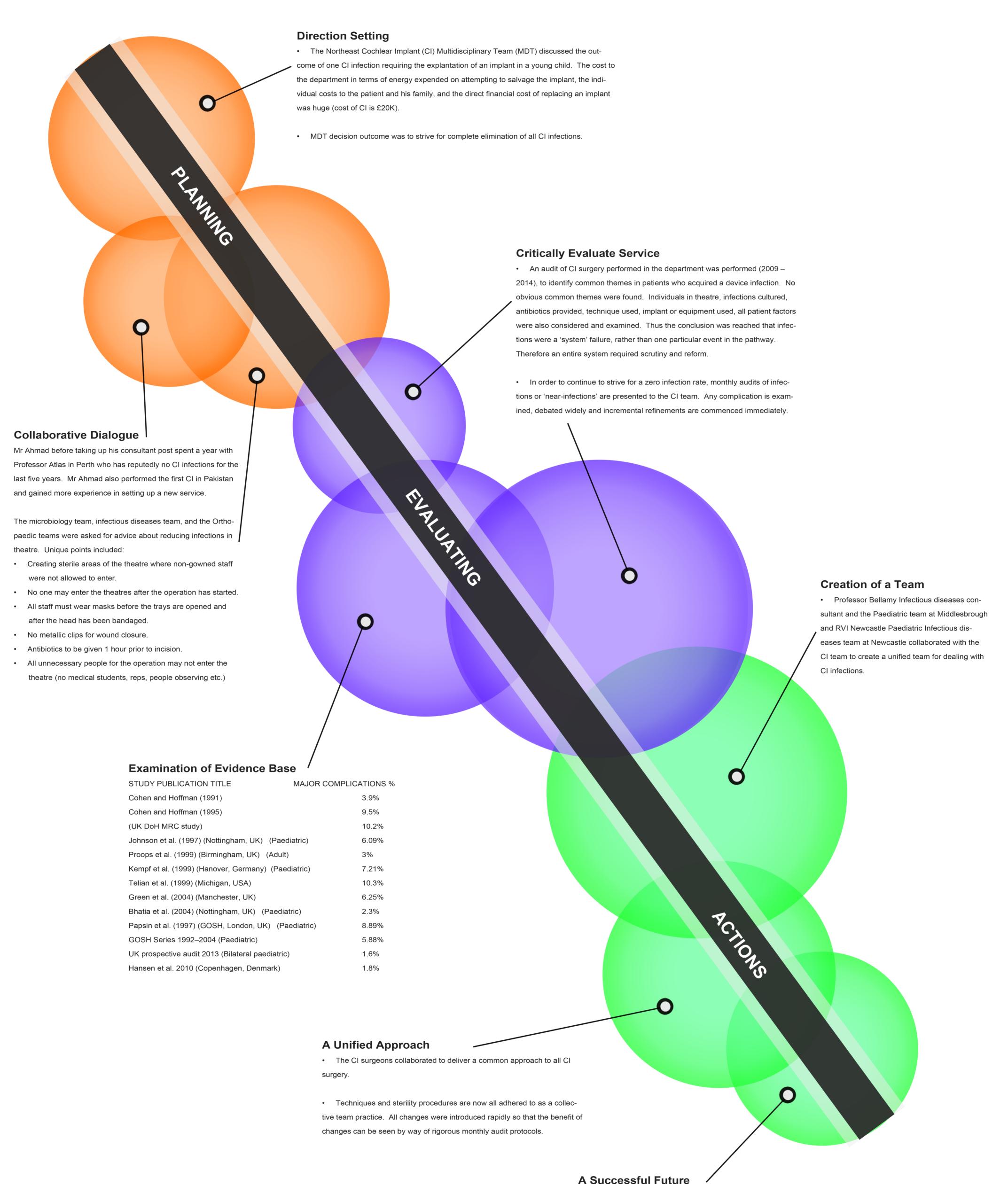
Authors: V. Veer, N. Ahmad, M. Hawthorne, A. Banerjee



Introduction

Cochlear implant (CI) surgery restores hearing to profoundly deaf patients. Each device requires a lengthy operation and costs approximately £40,000 per ear. Therefore reducing the risk of needing a replacement is paramount for the patient and NHS finances.

The aim of this project is to improve the North East CI Service by eliminating the number of major infections that required removal of a CI. The global rate of this occurring is 5.9%.



'An ounce of prevention is worth a pound of cure' Benjamin Franklin.

Since the implementation of these refinements, there have been no CI infections in the North East CI team.

• A national survey of CI surgery is being developed by the North East CI Team to allow cohesion between British CI centres, allowing information about successful practices to be effectively disseminated. We hope this will establish a set of 'Best Practice Guidelines' for CI surgery.