

NACHUM SAMET, DMD

MIS INC.

IMMEDIATE IMPLANT PLACEMENT WITH TRANSMUCOSAL HEALING: A MULTICENTER, RANDOMIZED, SINGLE BLIND, CONTROLLED CLINICAL TRIAL
ABSTRACT

The aims:

1) To develop an alternative to the current International Classification of Diseases (ICD-9) system, which offers limited diagnostic coding for some dental conditions.

2) To enable researchers (faculty and dental students) to explore unknown connections between dental conditions, treatments rendered and outcome of treatment.

General Overview of Project:

As the only school at Harvard providing direct patient care, HSDM plans to develop an instructional technology module that will enable dental students to connect the didactic elements of their first two years of study with their research requirement in a way that helps them understand the linkages between research and clinical dentistry. It is our expectation that by beginning this process early on, our students will continue to question disease patterns and treatment modalities throughout their careers and become the clinician scholars that the curriculum intends. To that end, HSDM intends to develop a set of unique tools that will enable students to use specific diagnostic codes to “mine” HSDM's patient database for clinical research projects. HSDM proposes to create a unique “searchable” data base that supports small pilot studies that are based on patient diagnosis and treatment. This database will contain dental diagnostic codes, the risk factors for these diseases and conditions, and the health related diagnostic codes of all the dental patients seen at HSDM. These codes will create a common language and will promote collaboration among students and faculty at HSDM, HMS and HSPH. They will enable collaborators to study treatment outcomes and determine best practices, and to explore unknown connections between specific conditions and outcome of treatment.