

Project Facts

Location

Columbia University Medical Center
622 West 168th Street
New York, NY 10032

Architectural Components

15,000 square feet of outpatient clinic consisting of two practice wings with a total of 48 dental chairs, waiting rooms and reception, patient consultation rooms, IPE rooms, exam rooms, design studio/classroom for digital dentistry, faculty touchdown areas for consultations with students as well as remote video monitoring of students' patient care, clinic manager offices, imaging rooms, shared sterile supply and soiled collection areas and locker rooms.

Building Systems

RFID system tracking all operations, procedures and supplies. Central air handling units for each wing with variable air volume supply fans with variable frequency drive for overhead air distribution and 100% outdoor air airside economizer. The ventilation system was designed with a computational fluid dynamic model for airborne infection control. Other building services including IT, electrical, compressed air and vacuum system and plumbing distributed under a raised floor system. A building management system controls the lighting and shades.

Design Team Services

Master planning, programming, interior design and dental operatory design.

Timeline

Start of design	April 2015
Start of construction	October 2016
Clinic soft opening	October 2017
Ribbon-cutting	December 2017

Project Team

Owner

Columbia University College of Dental Medicine

Christian Stohler (Dean, CDM), Joseph Harney (Vice Dean, CDM), Patrick Burke (Assistant VP, Capital Project Management)

Design Architect

Pei Cobb Freed & Partners Architects LLP

Ian Bader (Lead Design Architect), Christina Nambiar (Project Architect), Haruko Fukui (Interiors)

Architect of Record

Jeffrey Berman Architect

Jeffrey Berman (Executive Architect), Emile Dajer (Project Manager)

Operatory Manufacturer

Planmeca/ Triangle - Montreal

Annie Roy (Global Dental School Representative)

Dental Chair

Planmeca - Helsinki

MEPS Engineer

Cosentini Associates

Dominick DeRobertis

Lighting Designer

One Lux Studio

Stephen Margulies

