

PCSI School - Advanced Design and Implementation of Case-Mix Funding Models, November 7 – 11, 2016

Preliminary Syllabus Outline

Monday	Tuesday	Wednesday	Thursday	Friday
(08:30-9:00) Student check-in	(09:00-10:15) Building Blocks of CMF I cont'd • Case-mix methodologies – Population health Panel Discussion • Case-mix methodologies	(09:00-12:15) CMF Design II—Hospitals • Activity-based funding Case Study Exercise #4 Panel Debrief	(09:00-10:45) Application of Statistical Methods—Hospitals II • Mechanics of trim points and cost weights • Linear regression Case Study Exercise #6	(09:00-10:45) CMF Design IV—Patient Reported Outcome Measures • PROMs Case Study Exercise #9
(09:00-10:15) • Welcome & housekeeping • Faculty and student introductions • Overview of school objectives and goals • Overview of case study • Form case study groups				
(10:15-12:15) Funding Systems – Introduction and Overview • Definitions and basic mechanics for funding models: Global, PBF, ABF, Capitation • Overview of basic economics and the role of prices Panel Discussion • International landscape	(10:15-12:30) Building Blocks of CMF II • Financial Information and Patient Level Costing – Chart of Accounts – Direct, indirect, variable and fixed costs – Patient level costing Case Study Exercise #2 – Patient level costing		(10:45-12:15) Application of Statistical Methods—Hospitals II cont'd • Calculation of case-mix indices (CMIs) • Calculation of cost per weighted case (CPWC) • Benchmarking within and among hospitals • Hospital effects Case Study Exercise #7	(10:45-12:30) CMF Design V—Paying for Quality • Paying for Quality Case Study Exercise #10
Lunch: Mon, Wed, Thurs, (12:15-13:00); Tues (12:30-13:15); Friday (12:45-13:15)				
(13:00-17:00) Statistical Methods • Exploratory data analysis • Probability densities for cost and length of stay • Statistical tests • Regression methods Case Study Exercise #1 Building Blocks of CMF I • ICD and procedural classifications • Case-mix systems Case Study Exercise #1	(13:15-14:00) Building Blocks of CMF II (cont'd) Panel Discussion • Costing	(13:00-14:20) Student Time – Panel • What does case-mix look like in your country	(13:00-14:45) CMF Design III—Specialties and other Sectors • Specialist hospital pricing • Private provider pricing Panel Discussion • Hospital and provider pricing	
	(14:00-17:00) CMF Design I—Regions & Primary Care • Block, population-based funding • Primary care funding Case Study Exercise #3 Panel Debrief	(14:20-17:00) Application of Statistical Methods—Hospitals I • Cost and clinical profiling and benchmarking • Readmission rates • Risk of hospitalization Case Study Exercise #5 Panel Debrief		

Breaks: multiple short breaks of approximately 5 minutes interspersed though the day