Over 5700 hospitals in the United States need systems to do their best work. Little attention has focused on the best systems and their quality and cost implications. The work done on these systems by an industrial engineering group will be presented and discussed. Topics will include inpatient admissions, operating room scheduling, nurse daily staffing, ancillary staffing, outpatient and transport scheduling, and hospital sizing.

Walton M. Hancock is Professor Emeritus of Industrial and Operations Engineering and Professor Emeritus of Health Services, Management and Policy (School of Public Health) at the University of Michigan. He received his B.E., MS in Engineering and PhD of Engineering from The Johns Hopkins University. Prior to joining the Michigan faculty in 1960, he was Manager of Industrial Engineering and Manager of Quality Control at the Lord Baltimore Press in Baltimore, Maryland.

The seminar series "Providing Better Healthcare through Systems Engineering" is presented by the U-M Center for Healthcare Engineering and Patient Safety (CHEPS): Our mission is to improve the safety and quality of healthcare delivery through a multi-disciplinary, systems-engineering approach.

For additional information and to be added to the weekly e-mail for the series, please contact genehkim@umich.edu

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