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Coordination of Blood Glucose (BG) Test, Insulin Administration and Delivery of Meals

Maria Gough, BSN, RN, CDE & Margaret Geneve, DNP, ARNP-C

Goal Statement: To improve BG control by coordinating POC BG testing with administration of insulin and delivery of meal trays

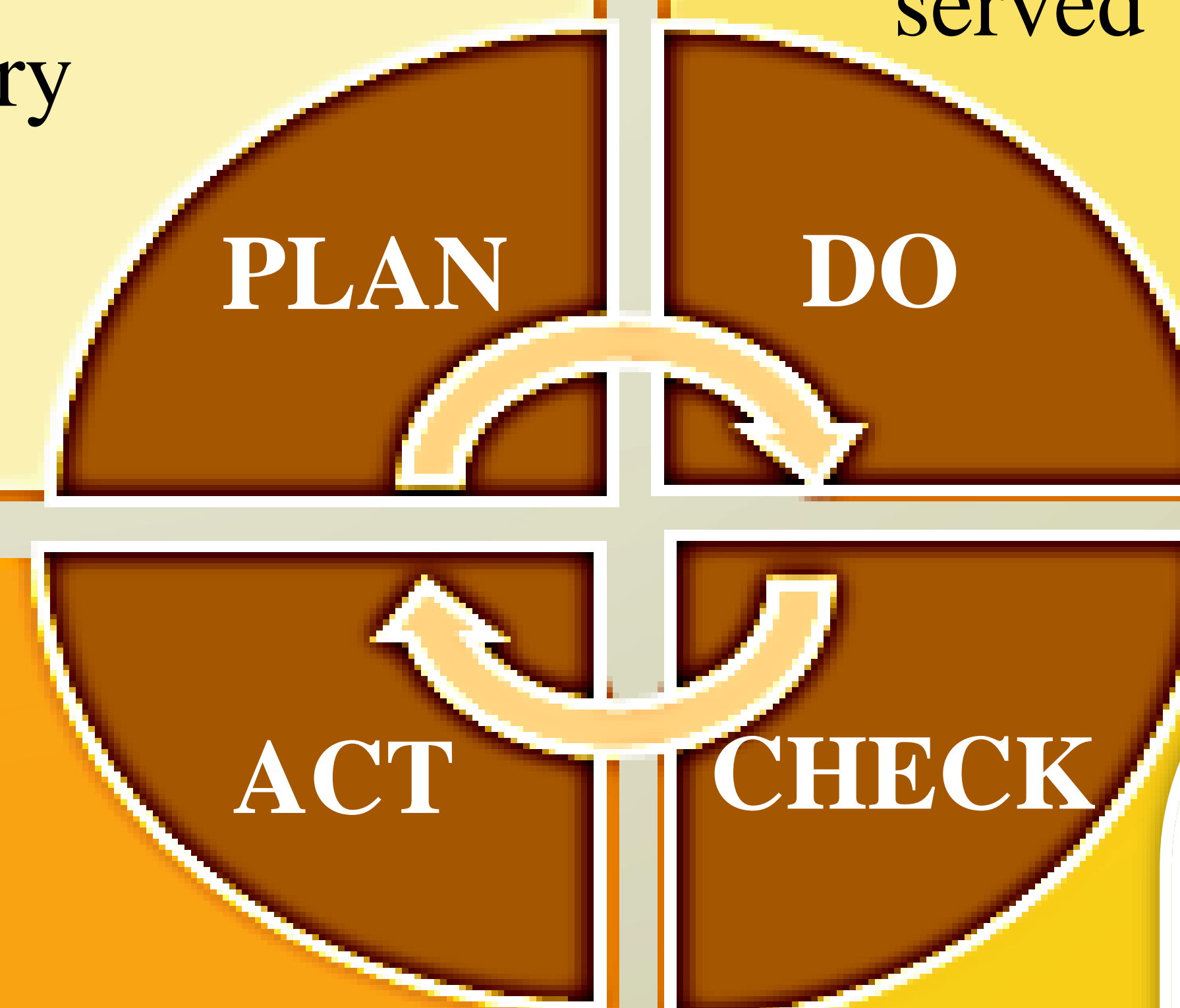
January 2016, Certified Diabetes Educator identified need to improve coordination of blood glucose test, insulin administration and delivery of meals in patients with hyperglycemia.

Planned interventions:

- ◆ Form interdisciplinary team
- ◆ Select nursing unit to pilot new process
- ◆ Establish specific times to deliver meal trays to unit, to test BG and to administer insulin
- ◆ Provide intense training to clinical RNs, CPs and dietary personnel
- ◆ Monitor flow, collect data and share findings

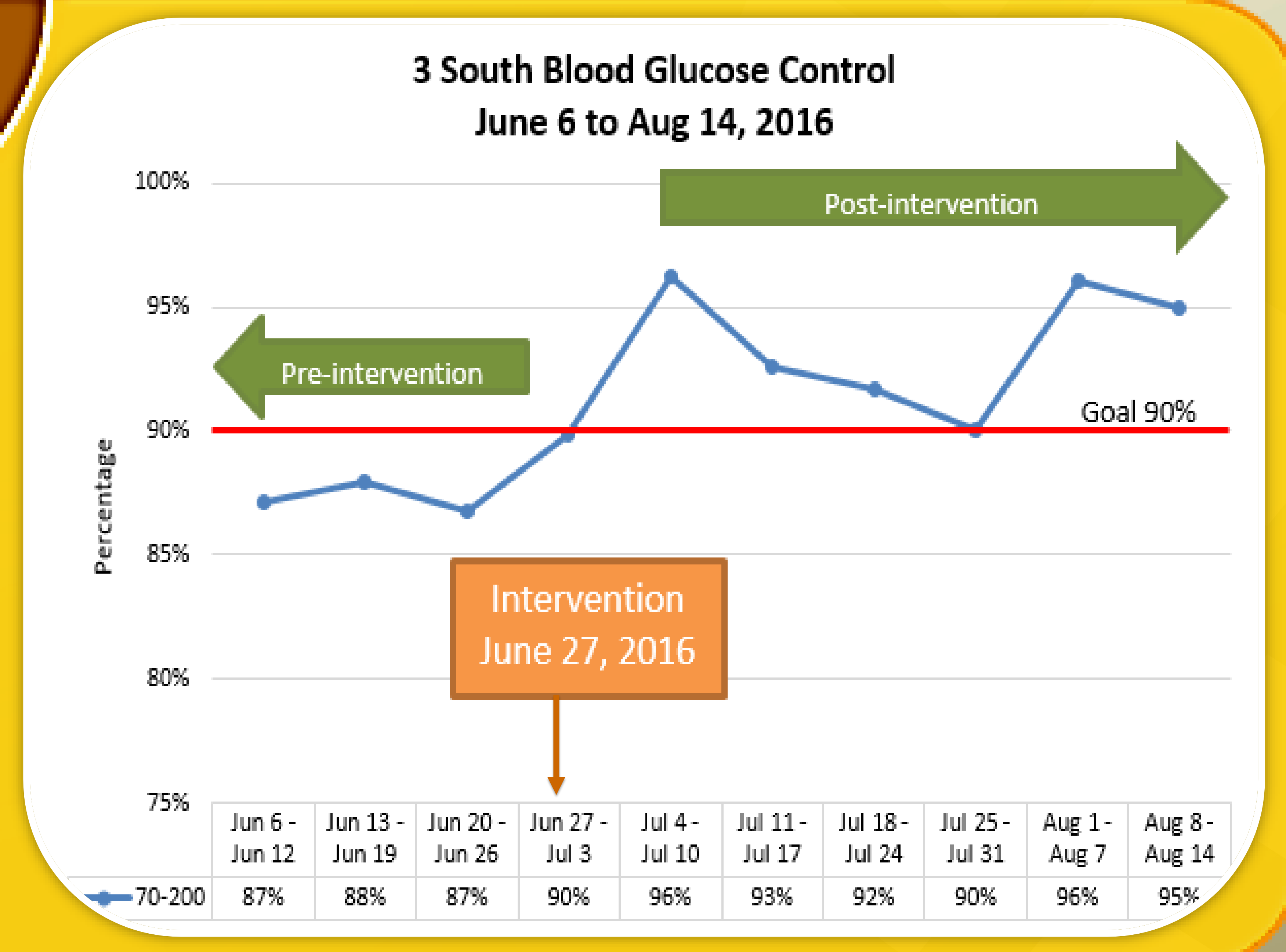
Implementation of new process began in mid-June 2016:

- ◆ 3 South selected to pilot the new process
- ◆ Pharmacy provided list of patients taking insulin to Nutrition Services
- ◆ BG tests were performed at pre-established times
- ◆ Diabetes meal trays arrived to nursing unit at agreed times
- ◆ Insulin was administered and meal tray was immediately served



Improvement achieved:

- ◆ Work flow was observed, data collected and shared
- ◆ Process was promptly modified as needed
- ◆ New process hardwired
- ◆ Process extended to other nursing units, one at a time every three months



Contact Information