

INTRODUCTION

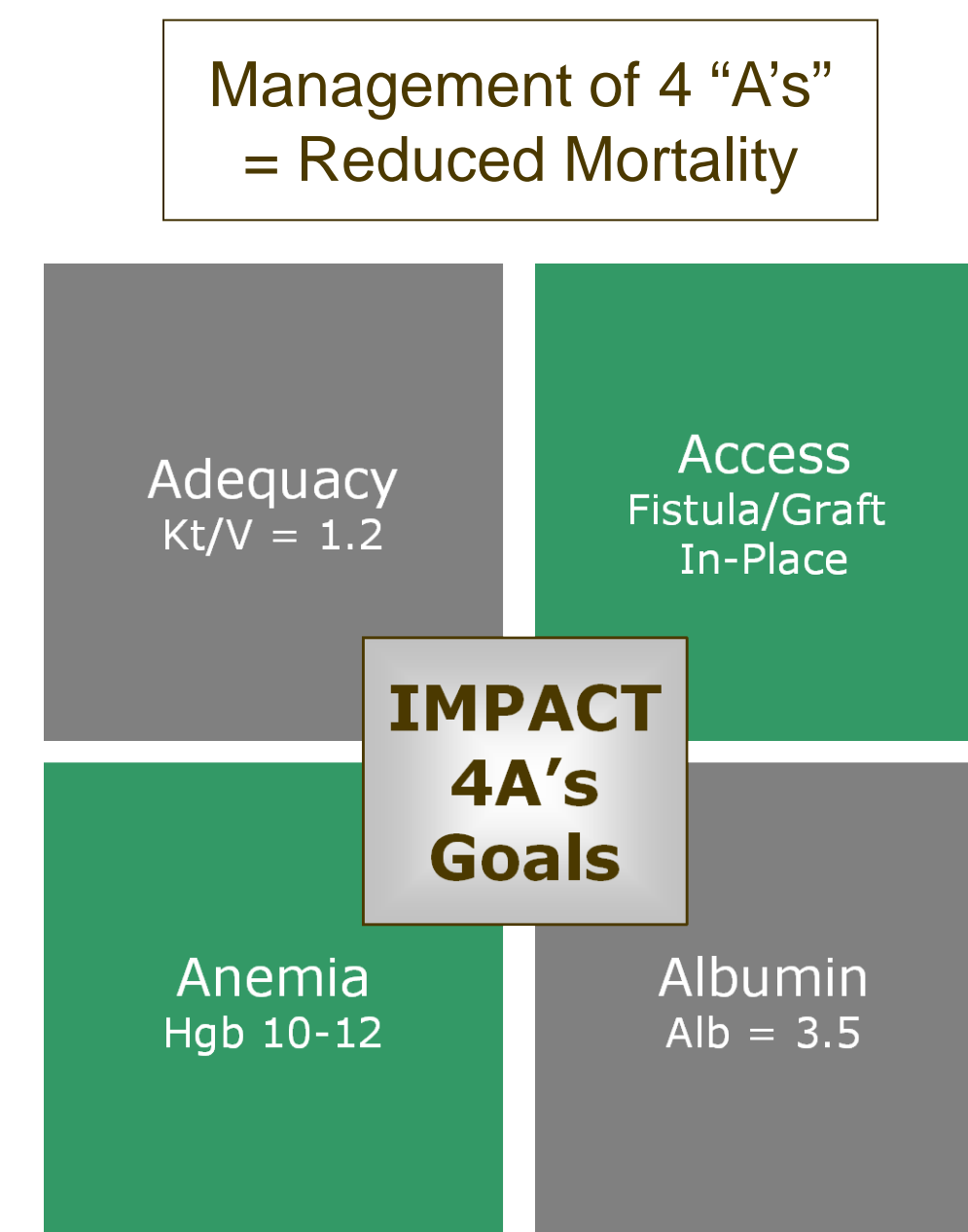
The first days of dialysis are particularly challenging for patients, families and health care teams. New patients are often unaware of their clinically silent kidney disease until they are uremic and require emergent hospital care and acute hemodialysis.

Incident Patient Profile



The IMPACT™ (Incident Management of Patients, Actions Centered on Treatment) program was initiated by DaVita® in October 2007. It aims to reduce mortality among patients during the first 3 months of dialysis, when they are especially vulnerable. Aggressive management during the incident period leads to more stable prevalent patients.

IMPACT PROGRAM



- IMPACT standardizes the management process by using several tools which track patients through the first 90 days.
- Education responsibility distributed among core team members of an interdisciplinary team (IDT)
 - Facility Administrator
 - Administrative Assistant
 - Nurse
 - Dietitian
 - Social Worker
 - Patient Care Technician (PCT)
- PCT assigned to each patient. The RN initiates education, but PCT is the liaison and engages specialists when appropriate
- IDT monitors progress every week; coordinate appropriate interventions

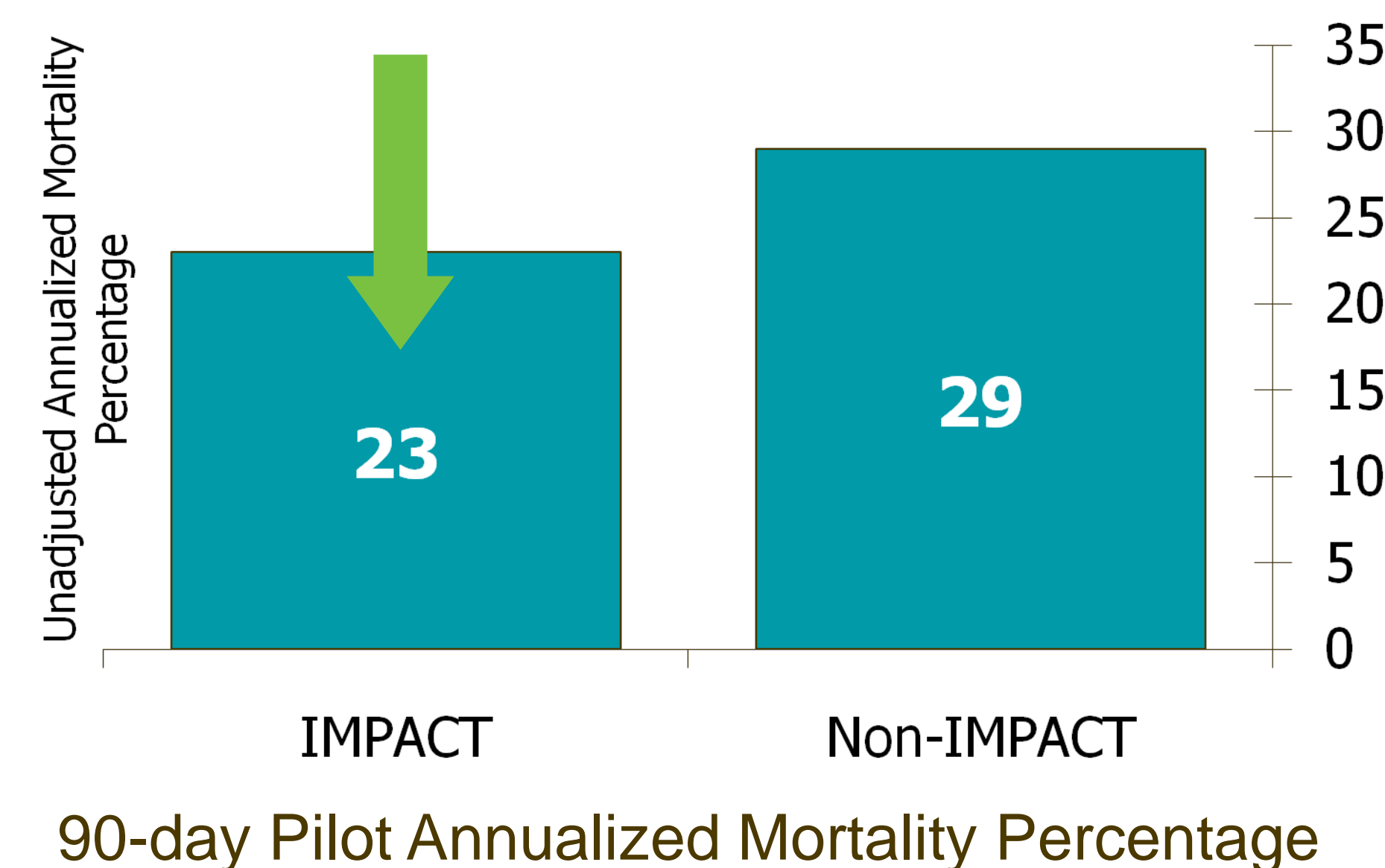
STUDY TOOLS

- (1) Structured New Patient Intake Process with a standardized admission order, referral fax, and an intake checklist
- (2) 90- day Patient Education Program with an education manual and tracking checklist
- (3) Tools for 90-Day Patient Management Pathway
- (4) Data Monitoring Reports

METHODOLOGY

- Observational (non-randomized), un-blinded study
- 606 incident patients evaluated over 12 months (Oct07 – Oct08) at 44 DaVita facilities
- Results shown as of July 2008

RESULTS



CONCLUSIONS

- There was a reduction in 90-day mortality of 6 percentage points among IMPACT versus non-IMPACT patients

Team Feedback

"I like IMPACT, I think it is great. Right now I am planning to tab the flip chart according to the weekly schedule of training. I love the flip chart. My team seems very receptive."

"One of my physicians wanted more data on IMPACT. He absolutely agrees that this type of focus will improve morbidity and mortality."

"What a wonderful idea to have a guide book for new patients!"

KEY LEARNINGS

- ✓ IMPACT is a first step toward a comprehensive approach to reduce mortality in incident patients
- ✓ The benefit of IMPACT is likely to result from focused patient management of adequacy, access, anemia and albumin, as well as patient education, at facilities using the IMPACT program

We thank the patients who participated in this study and DaVita Clinical Research® (DCR) for support in preparing this poster. DCR is committed to advancing the knowledge and practice of kidney care.

*Correspondence: irina.goykhman@davita.com