Home Dialysis Training in the 21st Century

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Why Educate Patients?

- Knowledge
- Safety
- Compliance
- Cost

Outcome

Relationship

- Confidence
- Right Choices

Obstacles to Patient Education

- Health literacy and numeracy
- Low awareness
- Limited access
- Readiness to learn


“Patient Care Staffing Levels and Facility Characteristics in U.S. Hemodialysis Facilities”, *American Journal of Kidney Diseases*, (December 2013), 62(6)
Obstacles to Patient Education

- Environment
- Time
- Consistency
- Fluctuating Staff
Our Obligation:

Patient-Centered Education

Meaningful

Active, engaging and deliberate approach
e-Demographics

8 out of 10

90%

87%

60+
e-Statistics

US population (adults)

- **59%** Search health information
- **25%** Read Commentaries/ blogs
- **19%** Search for patients with similar diagnosis
- **6%** View education material

Digital Education—Fashion or Future?

New technologies, new opportunities

e-Education, e-Learning and e-Opportunity

Features

• Measure and reflect learning
• Flexible
• Media-rich
• Fast delivery
• Endlessly repeatable
• Complements traditional patient training

Adapted from: Multimedia University, www.apan.net
Roles and Responsibilities

- Easy to use
- Engaging
- Trackable
- Collaborative
Enhancing Learning

Adapted from Multimedia University, www.apan.net

- Anytime, anywhere
- On demand
- Synchronous and asynchronous
- Multimedia, simulation
- Digital library
- Individual learning path and pace
- Videos
- Printed communication
- One learning path
- Synchronous

Adapted from: Multimedia University, www.apan.net
Barriers to Digital Education

- Attitude to change
- Lack of training
- Use and implementation
- Logistical issues
- No experience with self-learning
- Quality of content
Implementation Strategy

Timing
Verification
Informing and Comforting
Incorporation
Evidence of effectiveness

Environment

Emotional and cognitive content

Evaluation strategies

The Future in Patient Education

Gamification will be the new problem-solving tool—not just a tool to enhance learning. e-Learning moves from “seat time” to competency and in doing so becomes more personalized.
Patient Education in the 21st Century

Anytime

Anywhere