Technology-Enabled Diabetes Population Health Management

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The new frontier for diabetes educators

Disclosure to Participants

- Notice of Requirements For Successful Completion
  - Please refer to learning goals and objectives
  - Learners must attend the full activity and complete the evaluation in order to claim continuing education credit/hours

- Conflict of Interest (COI) and Financial Relationship Disclosures:
  - Presenter: Janice MacLeod, MA, RDN, LDN, FAADE – Employee of Companion Medical
  - Presenter: Toby Smithson, MS, RDN, LD, CCP – Employee of Livongo
  - Presenter: Rachel Head, MPH, RD, CDE – Employee of OneDrop

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Objectives

- Define the leadership role of the diabetes educator in technology-enabled population health
- Gain an understanding how roles and responsibilities of all members of the healthcare team are evolving and new opportunities available for the diabetes educator
- Describe challenges and opportunities in the rapidly transforming health care environment and determine specific action steps to take now.

Thank you for posting!

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The missing piece in diabetes care
Living with chronic condition(s)

99.093% On Own
0.007% Time with care team

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Person-centered care

Population Health:
Evidence-based, technology-enabled, clinically linked care
Our experiences

Project vision

Pathways for getting started as an e-educator
Diabetes educators lead transformation

Person-centered diabetes care
Self-Management expertise
Experience using PGHD

The diabetes educator . .

Technology-enabled diabetes population health services
- PGHD
- Remote Monitoring
- Data-Driven Virtual Care

The virtual diabetes educator . .

- Continue your current employment and...
- Dabble with social media venues
- Design a website and start blogging
- Work part-time for a digital health company
- Work full-time for a digital health company
- Start making connections at AADE Expo Hall
- Look on LinkedIn for job postings and companies that are of interest
- Develop a website to use as your business card
- More blog content = more social media posts
- If you have an idea for an app, put a proposal together and seek a partner
Leveraging a digital health platform within your existing practice

DANA learning courses:
● Harnessing the Power of Telehealth
● Connected Health and Digital Connections: A Look into the Future
● Work with apps in your practice
● Work with insulin pumps, CGMs, and other technologies for diabetes management

DANA

dana@aadenet.org (sign in with your AADE membership)

• Identify and evaluate digital health platforms and general health and wellness apps
• Read news about the latest technology
• Participate in online learning (Harnessing the Power of Telehealth)

Technology Enabled Diabetes Population Health

• Facilitates Self-Management
• Supports Shared Decision Making
• Creates practice improvement opportunities
Digital Health in Diabetes: The Evidence

Technology-Enabled Diabetes Self-Management Support

- Reductions in A1C ranged from 0.1% to 0.8%
- Interventions that were most effective included Technology Enabled Self-Management (TES) Feedback Loop
  1. Analyzed Patient Generated Health Data (PGHD)
  2. Tailored individualized feedback
  3. Two-way communication
  4. Individualized education

Opportunities & Next Steps

- Explore e-education models, outcomes, economic impact
- Define current/potential uses within the DMSES paradigm and broader population health management initiatives
- Develop best practices:
  - licensure
  - accreditation/recognition
  - feedback mechanisms
- Increase awareness
- Ongoing reporting/surveillance

Thank You!

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Janice Macleod  @janiceRDCDE
Rachel Head  @rachelheadCDE

DiabetesEveryDay and TobySmithson

References


Resource

How Enterprising Educators Embrace the Golden Opportunity of Technology-Enabled Diabetes Services