Closing Care Gaps in Diabetes Management

by Evan Osborne, MPH, BSRT(T)
Founder/Managing Partner, Diabetics United

Abstract

Diabetes prevalence is predicted to increase by 1.45% annually in North America bringing the total number of diabetics in America from 48 million to ~50.12 million by the end of 2023 (International Diabetes Federation, 2019). Globally, diabetic prevalence is predicted to increase by 1.96% annually bringing prevalence of diabetes from 463 million to 490.76 million individuals worldwide (International Diabetes Federation, 2019). These numbers enforce the need for easier access to shared knowledge, product awareness, and care management outlets on a global scale.

This presentation covers daily challenges diabetics face in the clinic, as well as outside health facilities while providing solutions to help improve patient compliance and care management outcomes.

Problem statement:

Diabetics world-wide desire to acquire more autonomy and independence with their disease. As health insurance companies become more controlling and product and pharmacy companies continue to price gouge, diabetics maintain a status of healthcare's super-consumers. Through additional care networks and solutions, diabetics have opportunities to enhance their way of living with diabetes.

Methods:

- Providing telehealth portals connecting diabetics and caregivers with professionals who are specialized in improving the wellness and quality of life in day-to-day disease management.
- Web-based open source content sharing, product promotionals, and community development.
- Offering services which orchestrate successful outcomes between providers, payers, pharmacies, and vendors involved in patients' care delivery.
- Providing additional platforms to promote trials and recruit study participants.

Results:

- Growing network of support in the diabetic communities.
- Growth in professional collaboration and innovation.
- Increase in disease management compliance.
- Improved health outcomes.

Conclusion:

With a three-year targeted audience of over 490 million individuals with diabetes, diabetics will benefit from viewing and collaborating through Diabetic United's population health features, product awareness solutions, and care conducting services. Technology development is advancing; just not fast enough to meet the needs of vulnerable demographics. Spreading the word world-wide is a challenge. But when the stakeholders share the same mission, collaboration and engagement spread like wildfire. Providing a platform for a centralized audience of diabetics to receive remote coaching and care coordination will result in improved health outcomes on a global scale.

Keywords:

Care Gaps
Care Management
Care Conducting Services
Diabetes Prevalence
Product Awareness

Works Consulted:

Franc S. (2019). Telemedicine and Diabetes. In: Reznik Y. (eds) Handbook of Diabetes Technology. Springer, Cham. DOI: https://link.springer.com/chapter/10.1007/978-3-319-98119-2_9#citeas Accessed January 31, 2020.

International Diabetes Foundation. (2019). IDF Diabetes Atlas 9th Edition 2019. DOI: https://www.diabetesatlas.org/data/en/world/ Accessed January 15th, 2020.

Rowley, William. Bezoled, Clement, Krohe, Shannon. (2017). Diabetes 2030: insights from yesterday, today, and future trends. Population Health Management. Feb. 1: 20(1): 6-12. DOI: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5278808/ Accessed February 16th, 2020.