



Amputation in a Ghanaian teenager with type 1 diabetes mellitus: A rare case

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Abstract:

Objectives: To present a 17 year old female who developed left leg ulcer which resulted in amputation.

Children and adolescents with diabetes in Africa usually died early before complications could set in. This was due to the fact there was no enough care and support for such patients in Africa such as organized pediatric diabetes clinics and expertise to manage them. Under the auspices of the World Diabetes Foundation, European Society for Pediatric Endocrinology and International Society for Pediatric and Adolescent Diabetes, pediatric endocrinologist are being trained in Kenya and Lagos for the African Sub-region. Ghana has trained three pediatric endocrinologists through this program. As a result, awareness about diabetes among children and adolescents has significantly improved across Africa including Ghana. Children with diabetes are being diagnosed, managed and followed up. However, comprehensive care for these patients pose a great challenge due to a multiple factors such as lack of continuous supply of insulin from the local governments, laboratory support and non compliance with medication and appointments on the side of patients due to extreme poverty. These factors predispose these children to complications rather than early mortality.

Method: Case description of a 17 year old type 1 diabetic patient who developed a bad ulcer that resulted in amputation.

Results: As a result of non compliance from the patient developed an ulcer on the left leg that worsened and resulted in amputation.

Conclusion: Strict control of blood glucose is important among children and adolescents diagnosed with type 1 diabetes to avoid or minimize complications. Local governmental support to children with diabetes is essential.

Biography:

An experienced Public Health Expert, researcher, consultant, health manager and mentor with over twelve years of public health experience. Looking forward to inject these expertises in curriculum development, health systems strengthening, health care financing, consulting, program management to enhance



societal growth:

Possess expertise in Sexual Reproductive Health, Malaria, HIV/AIDS, Nutrition, Maternal-Newborn-Child Health including quality management strategies; demonstrated leadership in partnership building, development of joint programs and programming:

Freelance Consultant specialized in program management and development-oriented research, including needs assessment and program evaluation; as well as program design, health systems strengthening/reforms, health systems and policy analysis; monitoring and evaluation, research and evaluations, strategy development and management, social marketing, project and program management and monitoring systems, in health sector reform, reproductive health:

Methodology and Management (results-based) programs: perfect control of project cycle, the results-based logical framework, annual program, budget, tenders selection, Consultant contract management:

Recent Publications:

1. Serwah Bonsu Asafo-Agyei, Emmanuel Ameyaw, Jean-Pierre Chanoine and Samuel Blay Nguah (2017) Normative penile anthropometry in term newborns in Kumasi, Ghana: a cross-sectional prospective study. *International Journal of Pediatric Endocrinology* 2017:2-7. DOI 10.1186/s13633-017-0042-1
2. Adomako-Kwakye Chris, Alexander Oti Acheampong, Akwasi Antwi-Kusi, Emmanuel Ameyaw. (2017) Mandatory Pre-Employment Medical Examination—The Practice and the Law: Is It Justifiable? *Beijing Law Review*, 8: 1-9

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