Title: AI based systems for diabetes treatment: a brief overview of the past and plans for the future

Abstract: Humanity continues to suffer from deadly diseases. Successes of science are great, but diseases that cannot be treated still exist. The only solution is to continue research in the search for drugs, as well as in methods of treating and preventing the onset of these diseases. This article is an overview of the development of AI on the issue of diabetes in a larger population of the planet over the past couple of years. The article contains information about the latest existing innovations of medical AI that helps in the fight against type 1 and type 2 of diabetes in 2019. A general assessment of existing AI systems and research has been conducted, as well as statistics on the distribution and usage of these technologies in the world today. The main problems that have not yet found a solution in the field of diagnosing and treating diabetes of both types are presented in conclusion.