



INCORRECT DOSE ADMINISTRATION ALTER THERAPEUTIC EFFICACY-INSULIN AND INHALERS

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ABSTRACT

Diabetes mellitus is chronic disease affecting a large number of the world's population. WHO estimates that 145 million of peoples currently suffer from diabetes & 235 million of peoples suffer with asthma. Nowadays the large numbers of pediatric as well as other age peoples suffer with Type-I diabetes mellitus & have to take insulin. Insulin therapy for diabetes is most commonly delivered via subcutaneous injections, up to four times a day. Long-term insulin therapy, compounded by the invasive nature of its administration, has caused problems with patient compliance, ultimately influencing patient outcomes. In asthma the child asthma is increasing day by day because of low immunity system of the new generation. In treatment of Type-I diabetes mellitus insulin will be available as syringe & pen form and in asthma inhalers & nebulizers are available. Nebulizers are used to treat people with respiratory diseases. Patients encounter difficulty in using inhaler devices even after repeated demonstration and/re-evaluation. This could highly compromise patient treatment outcomes/asthma control. This study is focus on the safe use of insulin & antiasthmatics as the pharmacological action get alter if proper administration is not there.

KEYWORDS: Diabetes mellitus, Insulin, Nebulizer, Asthma, Inhalers.

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