

Insulin Therapy for a Dog with Insulin-Dependent Diabetes Mellitus Using Pen-type Insulin Dispenser

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Introduction: Diabetes mellitus is disorder of carbohydrate, fat, and protein metabolism caused by an absolute or relative insulin deficiency.

Materials and methods: A 8-year-old, castrated male, Yorkshire terrier dog with polyuria/ polydipsia, anorexia, depression was referred to the our hospital. Insulin-dependent diabetes mellitus (IDDM) was diagnosed by clinical signs, physical examination (CBC, serum chemistry and urinalysis) and diagnostic imaging (X-ray and ultrasonography).

Results: Clinical signs were improved after insulin therapy (Regular plus NPH). The case was treated by using monoject diabetes syringe and pen-type insulin dispenser.

Clinical relevance: The case demonstrates that pen-type insulin dispenser is easy to use for insulin therapy of dog with IDDM.

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