

Contents

	Page
Introduction and Aim of the work	1
Review of Literature	
* <i>Protein energy malnutrition</i>	2
* <i>The Pancreas</i>	23
* <i>Glucose, Insulin and Glucagon in PEM</i>	45
* <i>Pancreatic bicarbonate secretion and PEM</i>	48
* <i>Pancreatic enzymes and PEM</i>	49
Subjects and Methods	52
Results	60
Discussion	83
summary	89
Conclusion and recommendations	93
References	95
Arabic Summary	