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Manuscript Type: Systematic Review

Nutritional and health benefits of semi-elemental diets: A comprehensive summary of the literature

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Abstract

AIM: To critically review and summarize the literature on nutritional and health outcomes of semi-elemental formulations on various nutritionally vulnerable patient populations who are unable to achieve adequate nutrition from standard oral diets.

METHODS: We conducted a comprehensive literature search of Pubmed and Embase databases. We manually screened articles that examined nutritional and health outcomes (e.g., growth, disease activity, gastrointestinal impairment, mortality, and economic impact) among various patient groups receiving semi-elemental diets. This review focused on full-text articles of randomized controlled clinical trials and other intervention studies, but pertinent abstracts and case studies were also included. Results pertaining primarily to tolerance, digestion, and absorption were summarized for each patient population in this systematic review.

RESULTS: Results pertaining primarily to tolerance, digestion, and absorption were summarized for each patient population. The efficacy of semi-elemental whey

Match Overview

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[PDF] Elemental and Semi-Elemental Formulas - University of ...

www.medicine.virginia.edu/health/nutrition/nutrition/Ma... [翻译此页](#)

作者: D Makola - 2005 - 被引用次数: 9 - 相关文章

2) inadequate intake due to anorexia; 3) dietary restric- ... Health Center of Excellence, Charlottesville, VA, ... ing: elemental and semi-elemental, standard or polymeric, disease-specific ... supported by the literature and to ultimately show that except for a very few ... proteins that have been hydrolyzed into oligopeptides of,

Elemental vs. Semi-Elemental vs. Polymeric Diets - Listen ...

blog.listentoyourgut.com/elemental-vs-semi-elemental-vs-poly... [翻译此页](#)

2010年12月15日 - Back when I first formulated Absorb Plus (in 1998), whey protein isolate ... Here's a summary... ... The EN [elemental nutrition] formulas differ in their protein and fat ... the literature is evolving to eventually classify it as "semi-elemental". ... world of elemental diets: hydrolyzed whey protein, or, hydrolysates.

Safety and adequacy of a semi-elemental formula for ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) [翻译此页](#)

作者: Y Vandenplas - 2010 - 被引用次数: 4 - 相关文章

2009年5月1日 - Consequently, allergic children on elimination diets who are not fed ... calcium, vitamin D and vitamin E, compared to healthy infants (Christie et al. ... This formula is based on an improved protein hydrolysis technique ... diagnostic workup and nutritional treatment with a semi-elemental ... Statistical analysis,

[PDF] Peptide-Based Formulas:

www.sci-health.org/sos/html/Phillips_ECPN_Peptides.pdf [翻译此页](#)

作者: EM PHILLIPS - 相关文章

ized elemental enteral formulas. True, stan ... delay nutrition therapy, and subsequently ... health benefits, including the prevention ... analysis of medical and nursing care. ... This enzymatic protein hydrolysis is ... fatty acids, and/or dietary nucleotides.17,18 ... sodium caseinate, whey ... mation, reviewing the current literature,.

Abad Jorge 336 Fnce Ppt Handout - SlideShare

www.slideshare.net/Ana.../abad-jorge-336-fnce-ppt-handout [翻译此页](#)

2010年11月4日 - Nutrition Support of Pediatric Patients with Severe GI Impairment



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Enteral Nutrition and Acute Pancreatitis: A Review

www.hindawi.com/journals/grp/2011/857949/ [▼ 翻译此页](#)

作者: BWM Spanier - 2010 - 被引用次数: 38 - 相关文章

2010年6月22日 - We reviewed the **literature** about enteral **nutrition** in AP. ... The clinical course of an attack of AP varies from a **short** period of ... the physical **properties** of the meal: mixed solid-liquid **meals** induce. ... Few studies to date compare the results of feeding elemental, **semielemental**, and polymeric **diets** to patients ...

Existing Dietary Guidelines for Crohn's Disease and ...

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Nutritional deficiency for patients with IBD is well described in the **literature**, but only the ... fats should be limited, with more of an emphasis on more **healthy** fat intakes. ... Enteral **nutrition** (polymeric, **semi-elemental** and elemental) are liquid **diets** ... Possible **benefits** exist in the form of improved remission and relapse rates, ...

Elemental vs. Semi-Elemental vs. Polymeric Diets - Listen ...

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2010年12月15日 - Definitions in med **literature** and clinical trials are not clear as to what types ... Here's a **summary**..... The EN [**elemental nutrition**] formulas differ in their protein and fat ... Ph.D., Gastroenterology Fellow, University of Virginia **Health** System, ... so obviously for many people the **benefit** of bowel rest outweighs ...

Nutritional management of Crohn's disease

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) [▼ 翻译此页](#)

作者: CF Donnellan - 2013 - 被引用次数: 11 - 相关文章

An **analysis** of the 7-day **dietary** pattern of 74 patients with CD showed failure to meet ... as opposed to oligopeptide '**semi-elemental**' or full protein polymeric feeds. ... It has been further suggested that the anti-inflammatory **properties** of enteral ... Supported by evidence of efficacy from the paediatric **literature** [Rubio et al.

Use of exclusive enteral nutrition in adults with Crohn's ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) [▼ 翻译此页](#)

作者: CL Wall - 2013 - 被引用次数: 15 - 相关文章

2013年11月21日 - National Institutes of **Health** ... Keywords: Exclusive enteral **nutrition**

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作者: BWM Spanier - 2010 - 被引用次数: 37 - [相关文章](#)

2010年6月22日 - We reviewed the **literature** about enteral **nutrition** in AP. ... The clinical course of an attack of AP varies from a **short** period of ... the physical **properties** of the meal: mixed solid-liquid **meals** induce Few studies to date compare the results of feeding elemental, **semielemental**, and polymeric **diets** to patients ...

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2010年11月4日 - **Nutrition** Support of Pediatric Patients with Severe GI Impairment. ... Disease Remission Omega-6 PUFAs: precursor Study: **Dietary** Fat ... **Summary** of Formula Selection Guidelines: **Short** Bowel ... **literature** does not clearly support the **advantages of semi-elemental** ... Published in: **Health & Medicine**.

Existing Dietary Guidelines for Crohn's Disease and ...

www.medscape.com/viewarticle/744684_5 ▾ [翻译此页](#)

Nutritional deficiency for patients with IBD is well described in the **literature**, but only the ... fats should be limited, with more of an emphasis on more **healthy** fat intakes. ... Enteral **nutrition** (polymeric, **semi-elemental** and elemental) are liquid **diets** ... Possible **benefits** exist in the form of improved remission and relapse rates, ...

Elemental vs. Semi-Elemental vs. Polymeric Diets - Listen ...

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