



Medical Nutrition

Solutions to address specific medical needs

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Broad portfolio to address diverse patient needs across care settings

Strong brands under-pinned by scientific expertise





Building on a long history of Medical Nutrition expertise



Medical Nutrition is a large growing category, meeting diverse needs





Split between oral and tube feeding





CAGRs are 2022-26. Source: 2021 financial reports, market data and internal analysis

Providing treatment in institutions and at home

Usage initiated by Health Care Professional





Specialized products governed by specific regulatory framework

Leveraging our expertise to manage complex requirements

Specialized products for the nutritional management of diseases to be used under medical supervision

Examples:

- Malnutrition
- Elective surgeries
- Short bowel syndrome
- Crohn's disease
- Inborn Errors of Metabolism
- Cognitive impairment

Specific regulations:

- Complex and non-harmonized regulatory route-to-market worldwide
- Specific capabilities and expertise to support approval process
- High standards for scientific substantiation of claims



Covered by a spectrum of payment models globally





Addresses critical healthcare issues and macro trends

Creating significant growth opportunities





Pressure on health spending

Aging population

0.5 bn

1 bn

 $-1990 - 2017 - 2050 - 2100 \rightarrow$

3.1 bn

2.1 bn



Pediatric allergy prevalence



Demand for evidence & data





Malnutrition impacts quality of life and creates economic burdens, costing 3x more than for a well-nourished patient





Medical Nutrition improves quality and cost of care

Return on investment for every dollar spent on Oral Nutritional Supplements (ONS) - hospital





Infant & children with mild to moderate cow's milk protein allergy

£10 m annual savings to NHS in first line treatment





Gastrointestinal cancer patients undergoing surgery

Decreases costs of hospital stay by ~ CHF **2 000 per patient**

Wound healing patients

Cost savings of ~ **\$1 500 per patient** in the early treatment of pressure ulcers



Source: Philipson et al. Am J Manag Care

*Including labor and administrative expenses

Leveraging multi-faceted demand generation and route-to-market





Shared capabilities across the portfolio

Con	sumer Ca	are		Medical I	Nu	trition
	Digital	E-c	ommer	ce Omni-	-cha	annel
Health Care Profession pharmacist recommenda		Patient starts / prescriptions		Medical & scientific credibility		Regulatory expertise
Health Care Professio & patient education		Continuity of care across the continuum		Consumer & patient insights / patient journey	I	R&D, technology innovation
Commercial: customers, channels	s	Medical Affairs: Key Opinion Leaders, conferences		Sales force: capabilities, call points, execution		Market access



Leadership in selected segments and geographies, with continued opportunity for market share gains

		Market share	Rank
	📀 Brazil	46%	1
Medical	France	34%	1
Medical nutrition	Spain	26%	1
natition	틀 U.S.	36%	2
	📀 Türkiye	26%	3
	🥙 China	48%	1
Dedictric	ermany	24%	2
Pediatric allergy	(Mexico	14%	2
anergy	👫 UK	18%	3
	🎨 Australia	16%	3





Boosting growth in the core

Omni-channel commercial execution drives success

Key pillars





Source Euromonitor, Nutrition Business Journal, IRI



Boosting growth in the core

Partnerships with external stakeholders shapes innovation and medical practice

Partner with research universities: **Drug Resistent Epilepsy**

Partner with **Key Opinion Leaders: COVID-19 ICU Protocol**

Partner with policy makers: EU Beating Cancer Plan









INC 🛧

The ketogenic diet component decanoic acid increases mitochondrial citrate synthase and complex I activity in neuronal cells

Scan David Hughes,*† Marta Kanabus,* Glenn Anderson,‡ Iain P. Hargreaves,§ Tricia Rutherford,¶ Maura O' Donnell,¶ J. Helen Cross Shamima Rahman,*†† Simon Eaton‡‡ and Simon J. R. Heales*†§ Vitafie International, Liverpool, UK *Neurosciences Deit, UCL Institute of Child Health, London, UK Moscholic Unit, Gross Ormund Street Heepital Frankstim Tract, London, UK Disediatric Surgery Unit, UCL Institute of Child Health, London, UK

along with complex I activity and catalase activity. Increased
copy. C10 is a reported peroxisome proliferator activator
receptor y aponist, and the use of a peroxisome proliferator
activator receptor y antiagonist was shown to prevent the C10-
modiated increase in mitochondrial content and catalase. C10
may mimic the mitochondrial profileration associated with the
KD and raises the possibility that formulations based on this
faity acid could replace a more complex diet.
Keywords: decanoic acid, ketogenic dist, mitochondria,
PPAR.
J. Neurochem. (2014) 10.1111/jnc.12646

The ketogenic diet (KD) in its various forms has been demonstrated to be effective at reducing seizures in individ- sals with drug-resistant epilepsy (Neal et al. 2009). Despite the effectiveness of the dex, the exact mechanism(4) of action	from patients who had epilepsy (Kate et al. 2000; Cock et al. 2002). Furthermore, mitochondrial biogenesis has been reported in the brain of rats fed the KD leading to the
In the contrast of unitare unitarial are not known. However, a number of mechanisms have been proposed that include abstrations is matrixidant starss, changes in brain neuroran- ming levelse, such as GABA, and the matchedic conse- quences of the dist mi-citicale energy metabolisms (BAs) and Sindar 2000, Wirth regards to the laters, it is of new the minidomethical dynamicsmi, at the level of the respinsory, chains, have been decommented in animal model systems of roam applicables and in poor morem trans samples obtained	$\label{eq:response} \begin{array}{l} \text{Resembler 5}, \ \text{NM}, \ source large stress of monormal Boundard ID. Statistics of the stress of monormal stress of the stre$



NHS **University College London Hospitals**







Tube feeding for patients with acute respiratory failure.

Feeding protocol.

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Boosting growth in the core

Building a leader in China

Winning strategy

Market dynamics	Invest in local pipeline
 Aging population Prevalence of major diseases Regulatory dynamics Medical practice shifts 	 Local R&D Local manufacturing First liquid Food for Special Medical Purpose plant in China
Regulatory	In market execution
 9 registration licenses 	 Scaled medical sales team







Market investment and execution drives growth

Clinical evidence to drive differentiated market access and growth



Locally produced products accelerate growth





Thicken-Up Clear

 First & only dysphagia product with reimbursement



concentrated tube feeding reimbursed in homecare









Differentiating through insights

Fuel growth through disease specific innovation to address specific patient needs

Allergy management



Supports development of the immune system and microbiome of patients with severe cow's milk protein allergies



Specialized high protein with better tolerance and nutrient absorption

High protein, superior tolerance

Nutrition concentration



Highest level of protein, improves patient adherence

Plant-based



Real food to improve tolerance, with microbiome profile, and to meet patient preferences

Diabetes management



Manage blood glucose levels after meals





Differentiating through insights

Innovation beyond products Holistic industry-leading solutions that drive growth

SimpLink[®] feeding technology



ModuLife[®] program for Crohn's Disease

Health Care Professional training & certification



Patient support app



Cerebral Palsy Health Care Professional & patient platform

Mini Nutritional Assessment[®] for elderly







Key takeaways





Our leadership journey on nutrition and health

3 strategic imperatives

Boosting growth in the core

Expanding geographically, enhancing category leadership and building customer partnerships

Differentiating through insights

Understanding consumer/patient needs, leveraging R&D capabilities and innovation ecosystem

Unlocking growth via portfolio management

Strengthening leadership through M&A and delivering on acquisition and synergy plans

Driving further value creation to 2025

Grow organically at a high single-digit rate

- Strong category momentum and share gains
- International expansion
- Science and innovation

Reach underlying TOP margin of > 18%

- Synergy delivery
- Leverage from strong organic growth
- Efficient use of resources



Overall: Key takeaways



