

Nutrition Competency Framework (NCF) 2014

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
K1 SCIENCES	1.1	Demonstrate understanding of the <u>basic sciences</u> in relation to nutrition	1. Describe the functions of essential nutrients, and the basis for the biochemical demand for energy and nutrients	<ul style="list-style-type: none"> <li>Macronutrient and micronutrient requirements and their biochemical functions e.g. energy, protein, carbohydrate, fat, iron, calcium, vitamin D, zinc</li> <li>Energy balance, storage and utilisation of macro and micronutrients within the body</li> </ul>	<ul style="list-style-type: none"> <li>Identifies key macronutrients and micronutrients, understands their biochemical functions and can describe individual requirements for different population groups.</li> <li>Describes fuel metabolism and homeostasis of carbohydrates, fats and protein; explains the impacts on biochemical demand and contributors to energy intake and energy expenditure in the body across life course</li> </ul>	<p><b>CORE RESOURCES</b></p> <ul style="list-style-type: none"> <li>Nutrient Reference Values, NHMRC, Aust/NZ <a href="http://www.nrv.gov.au/dietary-energy">http://www.nrv.gov.au/dietary-energy</a></li> <li>Nutrition Australia <a href="http://www.nutritionaustralia.org/national/resource/serves-dairy#.U6PFFPmSy5I">http://www.nutritionaustralia.org/national/resource/serves-dairy#.U6PFFPmSy5I</a></li> <li>NHMRC <a href="https://www.nhmrc.gov.au/files_nhmrc/publications/attachments/n55h_health_y_eating_during_pregnancy.pdf">https://www.nhmrc.gov.au/files_nhmrc/publications/attachments/n55h_health_y_eating_during_pregnancy.pdf</a></li> <li>DAA Best Practice Guideline for Treatment of Overweight and Obesity <a href="http://daa.asn.au/wp-content/uploads/2011/03/FINAL-DAA-obesity-guidelines-report-25th-January-2011-2.pdf">http://daa.asn.au/wp-content/uploads/2011/03/FINAL-DAA-obesity-guidelines-report-25th-January-2011-2.pdf</a></li> <li>Better Health Channel Food and Nutrition <a href="http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/hl_foodnutrition?open">http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/hl_foodnutrition?open</a></li> <li>NEMO Resources <a href="http://www.health.qld.gov.au/nutrition/nemo_materials.asp">http://www.health.qld.gov.au/nutrition/nemo_materials.asp</a></li> <li>Gastroenterology Society of Australia (GESA) <a href="http://www.gesa.org.au/consumer.asp?id=71">http://www.gesa.org.au/consumer.asp?id=71</a></li> <li>DAA Nutrition Information A-Z (Ageing, Iron, Adolescents, Paediatrics, Folate, Overweight/Obesity, Mental Health) <a href="http://daa.asn.au/for-the-public/smart-eating-for-you/nutrition-a-z/">http://daa.asn.au/for-the-public/smart-eating-for-you/nutrition-a-z/</a></li> </ul> <p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>DAA Nutrient Reference Values <a href="http://daa.asn.au/?page_id=847">http://daa.asn.au/?page_id=847</a></li> <li>WHO Child Growth Standards: <a href="http://www.who.int/bulletin/volumes/85/6/06-034421/en/">http://www.who.int/bulletin/volumes/85/6/06-034421/en/</a></li> <li>WHO Child Growth Standards <a href="http://apps.who.int/iris/bitstream/10665/44129/1/9789241598163_eng.pdf?ua=1">http://apps.who.int/iris/bitstream/10665/44129/1/9789241598163_eng.pdf?ua=1</a></li> <li>Indigenous Health <a href="http://www.healthinonet.ecu.edu.au/health-risks/nutrition/reviews/our-review">http://www.healthinonet.ecu.edu.au/health-risks/nutrition/reviews/our-review</a></li> <li>The Medical Biochemistry Page <a href="http://themedicalbiochemistrypage.org/glycolysis.php#top">http://themedicalbiochemistrypage.org/glycolysis.php#top</a></li> <li>Nutrition in Medicine (Metabolism, Obesity, Ageing, Paediatrics) <a href="http://nutritioninmedicine.org/portal/">http://nutritioninmedicine.org/portal/</a></li> <li>GESA Maintaining Healthy Digestive System <a href="http://www.gesa.org.au/content.asp?id=105">http://www.gesa.org.au/content.asp?id=105</a></li> <li>Parenteral Nutrition UK Outcomes Group <a href="http://www.ncepod.org.uk/2010pn.htm">http://www.ncepod.org.uk/2010pn.htm</a></li> <li>AUSPEN Clinical Practice</li> </ul>
			2. Describe the integrative normal processes of appetite, eating, intestinal function, digestion, absorption and nutrient utilisation and common disorders that affect them	<ul style="list-style-type: none"> <li>Gastrointestinal tract structure and function; digestive and absorptive processes</li> <li>Hormonal control of hunger and satiety</li> <li>Common disorders which may affect the processes of eating, digestion, absorption and requirements for essential nutrients</li> </ul>	<ul style="list-style-type: none"> <li>Describes gastrointestinal tract structure and function; describes the process of digestion and identifies where major sites of absorption of nutrients occur</li> <li>Describes the mechanisms of how hunger and satiety is controlled</li> <li>Describes how different disease processes impact nutritional status</li> </ul>	
			3. Differentiate the energy and nutrient requirements across the lifespan	<ul style="list-style-type: none"> <li>Nutritional requirements across the lifespan including infancy, childhood,</li> </ul>	<ul style="list-style-type: none"> <li>Differentiates the nutritional requirements across the lifespan including infancy through</li> </ul>	



Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
			for normal growth, structure and function	adolescence, adulthood, pregnancy, lactation and later life <ul style="list-style-type: none"> <li>Impact of lifestage on biochemical demand and contributors to energy intake and energy expenditure in the body across life course</li> <li>Anthropometric standards and reference ranges for individuals/groups</li> <li>Clinical/biochemical standards and reference ranges for individuals/groups</li> </ul>	to end of life and pregnancy and lactation <ul style="list-style-type: none"> <li>Identifies appropriate strategies to address nutrition requirements of clients at different life stages and in different settings e.g. acute, rehabilitation, nursing home, community</li> <li>Sources and identifies the most appropriate anthropometric standards and reference ranges for individuals/groups</li> <li>Recognises and identifies clinical/biochemical standards and reference ranges</li> </ul>	<ul style="list-style-type: none"> <li><a href="http://auspen.org.au/?wpfb_dl=79">http://auspen.org.au/?wpfb_dl=79</a></li> </ul>
<b>K2 PREVENTION</b>	1.3 2.1,3. 3,3.5  3.2  1.1, 1.2, 1.4, 1.5 3.2	Demonstrate knowledge on the interactive role of nutrition in health and the <u>prevention</u> of disease	1. Recognise the common nutrition related causes of mortality and morbidity in the population	<ul style="list-style-type: none"> <li>Diabetes, cardiovascular disease (including hypertension), cancer, osteoporosis, (macro and micro nutrient deficiencies e.g. Vitamin D, iron, folate)</li> </ul>	<ul style="list-style-type: none"> <li>Identifies the most common causes of morbidity and mortality that have dietary links e.g. diabetes, obesity, CVD (including hypertension), cancer, osteoporosis, nutrient deficiencies (e.g. Vitamin D, iron, folate)</li> </ul>	<b>CORE RESOURCES</b> <ul style="list-style-type: none"> <li>Australian Dietary Guidelines <a href="http://www.eatforhealth.gov.au/">http://www.eatforhealth.gov.au/</a></li> <li>NHMRC NRVs <a href="http://www.nrv.gov.au/dietary-energy">http://www.nrv.gov.au/dietary-energy</a></li> <li>Global Burden of Disease 2014 <a href="http://www.healthdata.org/gbd">http://www.healthdata.org/gbd</a></li> <li>AIHW Australia's Food and Nutrition 2012 <a href="http://www.aihw.gov.au/WorkArea/DownloadAsset.aspx?id=10737422837">http://www.aihw.gov.au/WorkArea/DownloadAsset.aspx?id=10737422837</a></li> <li>NEMO resources <a href="http://www.health.qld.gov.au/nutrition/default.asp">http://www.health.qld.gov.au/nutrition/default.asp</a></li> <li>Better Health Channel <a href="http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/conditions_and_treatments?open">http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/conditions_and_treatments?open</a></li> </ul>
			2. Describe how nutrition affects	<ul style="list-style-type: none"> <li>cardiovascular disease: impact of</li> </ul>	<ul style="list-style-type: none"> <li>Describes the nutrition related risk factors for</li> </ul>	

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
			health and risk factors for disease	<p>dietary patterns - fruit and vegetables; saturated and trans fat; sodium; energy excess; omega 3 fatty acids</p> <ul style="list-style-type: none"> <li>Osteoporosis: impact of dietary calcium, Vitamin D, protein</li> <li>Cancer: impact of impact of dietary patterns (e.g. fruit and vegetables), dietary sodium, excess energy, alcohol, nitrates</li> <li>Malnutrition: impact of inadequate nutrition</li> <li>Type II diabetes: impact of excess energy</li> </ul>	<p>various diseases and predictors of mortality. Describe which dietary factors may impact on CVD including those that affect lipids, hypertension and weight</p> <ul style="list-style-type: none"> <li>Describes the impact of a low calcium intake on osteoporosis</li> <li>Describes the dietary patterns that may impact on cancer development</li> <li>Describes the impact of malnutrition and failure to thrive on health</li> <li>Identifies the impact of obesity on those at risk of type II diabetes</li> </ul>	<p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>Victorian Centre of Excellence in Eating Disorders <a href="http://ceed.org.au/ceed-seminar-videos/">http://ceed.org.au/ceed-seminar-videos/</a></li> <li>Osteoporosis Australia <a href="http://www.osteoporosis.org.au/">http://www.osteoporosis.org.au/</a></li> <li>Nutrition In Medicine <a href="http://nutritioninmedicine.org/portal/">http://nutritioninmedicine.org/portal/</a></li> <li>Grains and Legumes Council: <a href="http://www.glnc.org.au/resources/healthcare-professionals/">http://www.glnc.org.au/resources/healthcare-professionals/</a></li> <li>FSANZ Food Labelling: <a href="http://www.foodstandards.gov.au/consumer/labelling/Pages/interactive-labelling-poster.aspx">http://www.foodstandards.gov.au/consumer/labelling/Pages/interactive-labelling-poster.aspx</a></li> <li>Love Food Hate Waste: <a href="http://www.lovefoodhatewaste.nsw.gov.au/business/love-food/impacts-of-food-waste.aspx">http://www.lovefoodhatewaste.nsw.gov.au/business/love-food/impacts-of-food-waste.aspx</a></li> <li>Second Bite: <a href="http://secondbite.org/">http://secondbite.org/</a></li> <li>OzHarvest: <a href="http://www.ozharvest.org/">http://www.ozharvest.org/</a></li> <li>Food Alliance: <a href="http://www.foodalliance.org.au/">http://www.foodalliance.org.au/</a></li> <li>Virginia University Medical Education <a href="http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/clinical-care/nutrition-support-team/pat-ed">http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/clinical-care/nutrition-support-team/pat-ed</a></li> </ul>
			3. Describe how disease can affect nutritional status	<ul style="list-style-type: none"> <li>Impact on physiological and psychological functions and nutrient requirements for a range of different conditions such as: <ul style="list-style-type: none"> <li>gastrointestinal disease (Coeliac disease,</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Describes the reasons for altered nutrient requirements inflammatory bowel disease and coeliac disease</li> <li>Describes the possible reasons for increases in the risk of malnutrition in respiratory disease</li> <li>Identifies what body composition changes can</li> </ul>	

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
				<ul style="list-style-type: none"> <li>Crohns Disease)</li> <li>- Respiratory disease</li> <li>- Eating disorders</li> <li>- Dementia</li> </ul>	<ul style="list-style-type: none"> <li>occur in long term eating disorder patients</li> <li>• Describes the nutritional effects that dementia may have on patients in aged care</li> </ul>	
<b>K3 TREATMENT</b>	1.3 2.7, 2.12	Demonstrate knowledge of evidence based dietary strategies for prevention and <u>treatment of disease</u>	1. Recognise the role of nutrition in treatment of disease	<ul style="list-style-type: none"> <li>• Food Intolerance and allergy</li> <li>• Cardiovascular Disease</li> <li>• Diabetes</li> <li>• Polycystic ovarian syndrome</li> <li>• Coeliac disease</li> <li>• Inflammatory Bowel Disease</li> <li>• Renal Disease</li> <li>• Cancer</li> <li>• Malnutrition</li> <li>• Burns</li> <li>• Wound Healing</li> <li>• Pulmonary disorders</li> </ul>	<ul style="list-style-type: none"> <li>• Outline the major medical conditions where dietary management is of major importance</li> </ul>	<p><b>CORE RESOURCES</b></p> <ul style="list-style-type: none"> <li>• NHMRC Obesity Guidelines <a href="http://www.nhmrc.gov.au/your-health/obesity-and-overweight">http://www.nhmrc.gov.au/your-health/obesity-and-overweight</a></li> <li>• Cochrane Review Diet and CVD <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD002128.pub5/pdf/stand-ard">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD002128.pub5/pdf/stand-ard</a></li> <li>• Barriers to effective nutrition care of the elderly <a href="http://rcnpublishing.com/doi/abs/10.7748/ns2006.09.21.3.50.c6402">http://rcnpublishing.com/doi/abs/10.7748/ns2006.09.21.3.50.c6402</a></li> <li>• NEMO Resources (eg: CVD, renal, liver, mental health, fluid) <a href="http://www.health.qld.gov.au/nutrition/nemo_materials.asp">http://www.health.qld.gov.au/nutrition/nemo_materials.asp</a> <a href="http://www.health.qld.gov.au/nutrition/nemo_cvd.asp">http://www.health.qld.gov.au/nutrition/nemo_cvd.asp</a></li> <li>• PCOS Management <a href="https://www.mja.com.au/journal/2011/195/6/assessment-and-management-polycystic-ovary-syndrome-summary-evidence-based?0=ip_login_no_cache%3D078a84115fc25ad1df693ca525476d17">https://www.mja.com.au/journal/2011/195/6/assessment-and-management-polycystic-ovary-syndrome-summary-evidence-based?0=ip_login_no_cache%3D078a84115fc25ad1df693ca525476d17</a> <a href="http://jeanhailles.org.au/contents/documents/Resources/Tools/PCOS_GP_tool_2Dec2013.pdf">http://jeanhailles.org.au/contents/documents/Resources/Tools/PCOS_GP_tool_2Dec2013.pdf</a></li> <li>• Centre for Digestive Diseases (Caeliac Disease, IBS, IBD, Polyps, constipation) <a href="http://www.cdd.com.au/pages/disease_info/constipation.html">http://www.cdd.com.au/pages/disease_info/constipation.html</a> <a href="http://www.cdd.com.au/index.html">http://www.cdd.com.au/index.html</a></li> </ul>
			2. Describe the dietary management strategies for relevant medical conditions and diseases	<ul style="list-style-type: none"> <li>• Food allergy – eliminate problematic food components</li> <li>• Cardiovascular Disease: reduce saturated fat; increase poly and monounsaturated fats; increase omega 3 fatty acids; reduce</li> </ul>	<ul style="list-style-type: none"> <li>• Describes the dietary management strategies in treating food allergy</li> <li>• Describes the dietary management strategies in treating cardiovascular disease</li> <li>• Describes the dietary management strategies in treating Polycystic ovarian syndrome</li> </ul>	

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
				<p>dietary sodium; increase dietary potassium; reduce obesity; reduce trans and saturated fats; increase dietary fibre; reduce alcohol intake</p> <ul style="list-style-type: none"> <li>• Overweight/obesity including Polycystic Ovarian syndrome: different approaches to induce negative energy balance</li> <li>• Type II Diabetes: different approaches to optimise blood glucose control</li> <li>• Coeliac disease: eliminate dietary sources of gluten</li> <li>• Inflammatory Bowel Disease: ensure adequate energy, protein, fluid, electrolytes</li> <li>• Malnutrition: optimise intake of relevant macro and micro nutrients</li> <li>• Burns and wound healing: optimise dietary protein,</li> </ul>	<ul style="list-style-type: none"> <li>• Describes the dietary management strategies in treating type II diabetes</li> <li>• Describes the dietary management strategies in treating coeliac disease</li> <li>• Describes the dietary management strategies in treating inflammatory bowel disease</li> <li>• Describes the dietary management strategies in treating malnutrition</li> <li>• Describes the dietary management strategies in treating burns</li> <li>• Describes the dietary management strategies in pulmonary disorders</li> </ul>	<ul style="list-style-type: none"> <li>• Burns Management <a href="http://www.rch.org.au/burns/clinical_information/Nutritional_management_for_burn_patients/">http://www.rch.org.au/burns/clinical_information/Nutritional_management_for_burn_patients/</a></li> <li>• COAD <a href="http://ajcn.nutrition.org/content/72/6/1415.full.pdf+html">http://ajcn.nutrition.org/content/72/6/1415.full.pdf+html</a> <a href="http://ajcn.nutrition.org/content/72/6/1415.full">http://ajcn.nutrition.org/content/72/6/1415.full</a> <a href="http://www.ncbi.nlm.nih.gov/pubmed/17150429">http://www.ncbi.nlm.nih.gov/pubmed/17150429</a> <a href="http://www.uptodate.com/contents/nutritional-support-in-advanced-lung-disease">http://www.uptodate.com/contents/nutritional-support-in-advanced-lung-disease</a></li> <li>• Ageing and medication <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2682454/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2682454/</a> <a href="http://omicsgroup.org/journals/nutritional-status-and-drug-therapy-in-older-adults-2167-7182.1000123.pdf">http://omicsgroup.org/journals/nutritional-status-and-drug-therapy-in-older-adults-2167-7182.1000123.pdf</a></li> <li>• Drug Nutrient Interactions <a href="https://www.dropbox.com/sh/85yd10hh1c7i35j/AADuUHyabwmO5StwU4dODALa/UQ%20exemplar/Attachment%2016%20-%20Drug-Nutrient%20Interaction%20Chart.pdf">https://www.dropbox.com/sh/85yd10hh1c7i35j/AADuUHyabwmO5StwU4dODALa/UQ%20exemplar/Attachment%2016%20-%20Drug-Nutrient%20Interaction%20Chart.pdf</a> <a href="http://nutritioninmedicine.org/portal/">http://nutritioninmedicine.org/portal/</a> <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3191675/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3191675/</a></li> <li>• Allergies <a href="http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/nutrition-support-team/nutrition-articles/Parrish_Nov_13.pdf">http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/nutrition-support-team/nutrition-articles/Parrish_Nov_13.pdf</a> <a href="http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/nutrition-support-team/nutrition-articles/Parrish_Dec_12.pdf">http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/nutrition-support-team/nutrition-articles/Parrish_Dec_12.pdf</a></li> <li>• Drug Nutrient Depletion/Interactions <a href="http://www.webstercare.com.au/files/wcconteduoct13.pdf">http://www.webstercare.com.au/files/wcconteduoct13.pdf</a> <a href="http://www.cancer.gov/cancertopics/pdq/supportivecare/nutrition/HealthProfessional/page3">http://www.cancer.gov/cancertopics/pdq/supportivecare/nutrition/HealthProfessional/page3</a> <a href="https://www.dropbox.com/sh/85yd10hh1c7i35j/AADuUHyabwmO5StwU4dODALa/UQ%20exemplar/Attachment%2016%20-%20Drug-Nutrient%20Interaction%20Chart.pdf">https://www.dropbox.com/sh/85yd10hh1c7i35j/AADuUHyabwmO5StwU4dODALa/UQ%20exemplar/Attachment%2016%20-%20Drug-Nutrient%20Interaction%20Chart.pdf</a></li> </ul> <p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>• Baker IDI <a href="https://www.bakeridi.edu.au/health_fact_sheets/">https://www.bakeridi.edu.au/health_fact_sheets/</a></li> <li>• Nutrition in Medicine <a href="http://nutritioninmedicine.org/portal/">http://nutritioninmedicine.org/portal/</a></li> <li>• DAA Resources <a href="http://daa.asn.au/for-the-public/smart-eating-for-you/nutrition-a-z/#G">http://daa.asn.au/for-the-public/smart-eating-for-you/nutrition-a-z/#G</a></li> <li>• National Eating Disorders Collaboration <a href="http://www.nedc.com.au/">http://www.nedc.com.au/</a></li> <li>• Renal Society of Australia</li> </ul>

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
				<ul style="list-style-type: none"> <li>energy, fluid, micronutrients</li> <li>Pulmonary disorders: optimise nutritional status</li> </ul>		<ul style="list-style-type: none"> <li><a href="http://www.renalsociety.org/">http://www.renalsociety.org/</a></li> <li>NEMO Resources</li> <li><a href="http://www.health.qld.gov.au/nutrition/nemo_materials.asp">http://www.health.qld.gov.au/nutrition/nemo_materials.asp</a></li> </ul>
			3. Demonstrate an appreciation of nutrient drug-interactions	<ul style="list-style-type: none"> <li>Common drugs e.g. warfarin and dietary Vitamin K, insulin and risk of hypoglycaemia weight gain, Monoamine oxidase (MAO) inhibitors and dietary tyramine</li> </ul>	<ul style="list-style-type: none"> <li>Describes drugs / treatments used that may affect nutritional status and dietary requirements</li> </ul>	
<b>K4 FOOD</b>	3.2 3.4, 3.8, 3.9 1.1, 1.2, 1.4, 1.5	Demonstrate awareness of food sources of nutrients, food habits and the cultural and social importance of food	<ol style="list-style-type: none"> <li>List the food sources of major nutrients</li> <li>Describe how the social determinants of health influence food consumption patterns and the consequences of this</li> </ol>	<ul style="list-style-type: none"> <li>Food sources of nutrients and where they are found in the current food supply</li> <li>Impact of availability of healthy food (distance to shops; location of fast food outlets, transportation ) on dietary intake</li> <li>Nutritional risk factors contributing to food insecurity (individual, household, community and</li> </ul>	<ul style="list-style-type: none"> <li>Identifies food sources of the major macro and micro nutrients</li> <li>Identifies community groups vulnerable to food insecurity</li> <li>Identifies factors contributing to food insecurity at an individual, household, government level</li> </ul>	<p><b>CORE RESOURCES</b></p> <ul style="list-style-type: none"> <li>Australian Dietary Guidelines <a href="http://www.eatforhealth.gov.au/">http://www.eatforhealth.gov.au/</a></li> <li>Australian Guide to Healthy Eating <a href="http://www.eatforhealth.gov.au/">http://www.eatforhealth.gov.au/</a></li> <li>NHMRC NRVs <a href="https://www.nrv.gov.au/">https://www.nrv.gov.au/</a></li> <li>Better Health Channel <a href="http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/hl_foodnutrition?open">http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/hl_foodnutrition?open</a></li> <li>FSANZ Food Labelling: <a href="http://www.foodstandards.gov.au/consumer/labelling/Pages/interactive-labelling-poster.aspx">http://www.foodstandards.gov.au/consumer/labelling/Pages/interactive-labelling-poster.aspx</a></li> <li>Good Food for New Arrivals <a href="http://nutrition.asetts.org.au/package-overview/training-materials/unit-4/">http://nutrition.asetts.org.au/package-overview/training-materials/unit-4/</a></li> <li>Healthy Eating on a Budget <a href="http://daa.asn.au/?page_id=819">http://daa.asn.au/?page_id=819</a></li> </ul> <p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>Dietary Guidelines USA NEJM comment <a href="http://www.nejm.org/doi/full/10.1056/NEJMp1107075">http://www.nejm.org/doi/full/10.1056/NEJMp1107075</a></li> <li>Processed Foods for Rapid Review <a href="http://www.heartfoundation.org.au/SiteCollectionDocuments/RapidReview_Food_Reformulation.pdf">http://www.heartfoundation.org.au/SiteCollectionDocuments/RapidReview_Food_Reformulation.pdf</a></li> </ul>

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
			3. Appreciate the social and cultural importance of food	<ul style="list-style-type: none"> <li>state/federal levels)</li> <li>The impact of different ethnic and religious groups on the dietary intakes of specific individuals and populations</li> </ul>	<ul style="list-style-type: none"> <li>Describes how social and cultural interactions impact the dietary intakes of individuals and populations</li> </ul>	<ul style="list-style-type: none"> <li>NHF Food Security <a href="http://www.heartfoundation.org.au/SiteCollectionDocuments/Food-Security-Discussion-Paper-2010.pdf">http://www.heartfoundation.org.au/SiteCollectionDocuments/Food-Security-Discussion-Paper-2010.pdf</a></li> <li>Nutrition In Medicine <a href="http://nutritioninmedicine.org/portal/">http://nutritioninmedicine.org/portal/</a></li> </ul>
<b>S1 RISK</b>	2.2 2.4	Demonstrate skills in the identification of nutritional risk, nutritional deficits and excesses	1. Assess nutrition risk factors pertaining to over and undernutrition	<ul style="list-style-type: none"> <li>Skills in assessment of intake of individually relevant dietary factors related to nutritional risk e.g. recent weight changes, regularity of eating, intake of fruits and vegetables, take-away foods</li> <li>Anthropometry – height, weight, weight history, Body Mass Index (BMI), waist circumference, use of growth charts</li> <li>Awareness of validated nutritional assessment tools and procedures e.g. Malnutrition Universal Screening Tool, Mini Nutrition Assessment</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates skills in identification of clients who may need further assistance in managing their diet</li> <li>Demonstrates the use of anthropometric measures such as BMI, waist circumference and use of growth charts</li> </ul>	<p><b>CORE RESOURCES</b></p> <ul style="list-style-type: none"> <li>Australian Family Physician: are all time poor <a href="http://www.racgp.org.au/afp/2013/may/time-poor/">http://www.racgp.org.au/afp/2013/may/time-poor/</a></li> <li>Australian Prescriber: Food Nutrition for Good Surgery <a href="http://www.australianprescriber.com/magazine/26/6/136/40">http://www.australianprescriber.com/magazine/26/6/136/40</a></li> <li>Validated Nutrition Assessment Tools: Comparison Guide <a href="http://www.health.qld.gov.au/nutrition/resources/hphe_asst_tools.pdf">http://www.health.qld.gov.au/nutrition/resources/hphe_asst_tools.pdf</a></li> <li>"Malnutrition Screening Tools: Comparison against two validated nutrition assessment methods in older medical inpatients" Nutrition, 2013;29 (1): 101-106 <a href="http://dx.doi.org/10.1016/j.nut.2012.04.007">http://dx.doi.org/10.1016/j.nut.2012.04.007</a></li> <li>"Addressing the Health Disadvantage of Rural Populations: How Does Epidemiological evidence inform rural health policies and research?" Australi Journal of Rural Health 2008; 16(2): 56-66 <a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1440-1584.2008.00953.x/full">http://onlinelibrary.wiley.com/doi/10.1111/j.1440-1584.2008.00953.x/full</a></li> <li>Eating Disorders Resources for Health Professionals <a href="http://ceed.org.au/clinical-resources/">http://ceed.org.au/clinical-resources/</a></li> <li>"The dwindles: failure to thrive in older patients" Nutrition Reviews 1996;54(1 Pt 2) S:25-30. <a href="http://www.ncbi.nlm.nih.gov/pubmed/8919675">http://www.ncbi.nlm.nih.gov/pubmed/8919675</a></li> <li>Best Care for Older People Everywhere: The Toolkit. <a href="http://www.health.vic.gov.au/older/toolkit/06Nutrition/index.htm">http://www.health.vic.gov.au/older/toolkit/06Nutrition/index.htm</a></li> <li>Assessing nutritional status in chronically critically ill adults patients Am J Clinical Care 2006;15(2):166-76 <a href="http://www.ncbi.nlm.nih.gov/pubmed/16501136">http://www.ncbi.nlm.nih.gov/pubmed/16501136</a></li> <li>Eating Disorder Assessment <a href="http://www.health.nsw.gov.au/mhdao/programs/mh/Publications/ED-toolkit-sec4.pdf">http://www.health.nsw.gov.au/mhdao/programs/mh/Publications/ED-toolkit-sec4.pdf</a></li> <li>Assessing children with food allergies <a href="http://www.allergy.org.au/health-professionals/hp-information/asthma-and-allergy/nutritional-management-of-food-allergy/3-nutrition-assessment-of-food-allergic-individuals">http://www.allergy.org.au/health-professionals/hp-information/asthma-and-allergy/nutritional-management-of-food-allergy/3-nutrition-assessment-of-food-allergic-individuals</a></li> </ul>

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
			2. Integrate nutrition in the medical history and physical examination	<ul style="list-style-type: none"> <li>Assessment of weight changes, regularity of eating, appetite, living arrangements, shopping and cooking habits, thirst, pallor, energy levels, level of physical activity; use of complementary/alternative medicine use</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates awareness of nutrition related factors into the medical and physical assessment</li> </ul>	<ul style="list-style-type: none"> <li>Electronic Referral Form (DAA) <a href="http://daa.asn.au/for-health-professionals/electronic-apd-referral-form/">http://daa.asn.au/for-health-professionals/electronic-apd-referral-form/</a> <a href="http://daa.asn.au/wp-content/uploads/2013/10/DAA-Referral-Form-Template-1.pdf">http://daa.asn.au/wp-content/uploads/2013/10/DAA-Referral-Form-Template-1.pdf</a></li> <li>Developing a Sustainable delivery of Outreach Allied Health services in remote north-west Queensland, Australia, The International Electronic Journal of Rural and Remote Health Research, Education, Practice and Policy <a href="http://www.rrh.org.au/articles/subviewnew.asp?articleid=194">http://www.rrh.org.au/articles/subviewnew.asp?articleid=194</a></li> </ul> <p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>Nutrition in Medicine (Dietary Assessment; Nutrition Assessment, unintended weight loss) <a href="http://nutritioninmedicine.org/portal/">http://nutritioninmedicine.org/portal/</a></li> <li>WHO Child Growth Standards: <a href="http://www.who.int/bulletin/volumes/85/6/06-034421/en/">http://www.who.int/bulletin/volumes/85/6/06-034421/en/</a></li> <li>WHO Child Growth Standards <a href="http://apps.who.int/iris/bitstream/10665/44129/1/9789241598163_eng.pdf?ua=1">http://apps.who.int/iris/bitstream/10665/44129/1/9789241598163_eng.pdf?ua=1</a></li> </ul>
			3. Interpret and integrate findings from the nutritional assessment to define nutritional problems	<ul style="list-style-type: none"> <li>Markers indicating dietary concern: <ul style="list-style-type: none"> <li>-Anthropometrical</li> <li>-Biochemical tests used as nutrition markers</li> <li>-Investigations</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Displays incorporation of nutrition related findings into assessment and management plan where appropriate; develops plan for clients and appropriate referral onto other agencies / services</li> </ul>	
<b>S2 CRITICAL</b>	1.1, 1.2, 1.4, 1.5, 2.15, 3.5,4, 2	Demonstrate ability to interpret nutrition evidence in a critical and scientific manner and apply appropriately in clinical practice	<ol style="list-style-type: none"> <li>Locate and critically appraise literature on nutrition related to prevention and treatment of disease</li> <li>Apply an evidence-based approach in the delivery of appropriate</li> </ol>	<ul style="list-style-type: none"> <li>Utilises current scientific evidence and incorporates this into the nutrition management of patients</li> <li>Evidence based nutrition guidelines e.g. NH&amp;MRC Nutrient</li> </ul>	<ul style="list-style-type: none"> <li>Displays the use of current evidence based information in the management of clients with nutrition related issues</li> <li>Demonstrates use of relevant evidence based nutrition resources and</li> </ul>	



Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
			nutrition management in clinical practice	<p>Reference Intakes, Dietary Guidelines, Guide to Healthy Eating</p> <ul style="list-style-type: none"> <li>World Health Organisation (WHO) guidelines</li> <li>Royal Australian College General Practitioners: General Practice Management of Type 2 diabetes</li> <li>NEDC Eating Disorders: A Professional Resource for General Practitioners</li> <li>Evidence based resources produced by Dietitians Association of Australia, Diabetes Australia, Baker IDI, National Heart Foundation, Cancer Council</li> </ul>	apply them in patient management	<ul style="list-style-type: none"> <li>Examples of Different Studies Reporting on calcium supplementation and coronary heart disease <ul style="list-style-type: none"> <li>Vascular events in healthy older women receiving calcium supplementation: randomised controlled trial BMJ 2008; 336 <a href="http://www.bmj.com/content/336/7638/262">http://www.bmj.com/content/336/7638/262</a></li> <li>Effect of calcium supplements on risk of myocardial infarction and cardiovascular events: meta-analysis BMJ 2010; 341 <a href="http://www.bmj.com/content/341/bmj.c3691">http://www.bmj.com/content/341/bmj.c3691</a></li> <li>The effects of calcium supplementation on verified coronary heart disease hospitalization and death in postmenopausal women: a collaborative meta-analysis of randomized controlled trials. J. Bone Mineral Research 2015; 30(1):165-75 <a href="http://www.ncbi.nlm.nih.gov/pubmed/25042841">http://www.ncbi.nlm.nih.gov/pubmed/25042841</a></li> </ul> </li> <li>Integrating Evidence and Individuals Preferences Using Web Based Multi-Criteria Analytic Tool <a href="http://link.springer.com/article/10.2165/11587070-000000000-00000#page-1">http://link.springer.com/article/10.2165/11587070-000000000-00000#page-1</a></li> <li>Understanding Complementary Therapies <ul style="list-style-type: none"> <li>Cancer <a href="http://www.cancervic.org.au/downloads/CISS_factsheets/Complementary-treatment-decisions.pdf">http://www.cancervic.org.au/downloads/CISS_factsheets/Complementary-treatment-decisions.pdf</a></li> <li>Diabetes <a href="http://www.cancervic.org.au/downloads/booklets/Alternative-therapies.pdf">http://www.cancervic.org.au/downloads/booklets/Alternative-therapies.pdf</a></li> <li>Diabetes <a href="http://care.diabetesjournals.org/content/27/11/2741.long">http://care.diabetesjournals.org/content/27/11/2741.long</a></li> <li>Fad Diets <a href="http://daa.asn.au/?page_id=797">http://daa.asn.au/?page_id=797</a></li> <li><a href="http://daa.asn.au/for-the-public/smart-eating-for-you/nutrition-a-z/detox-diets/">http://daa.asn.au/for-the-public/smart-eating-for-you/nutrition-a-z/detox-diets/</a></li> </ul> </li> </ul>
<b>S3 APPLICATION</b>	2.7, 2.12, 2.7, 2.9, 3.2, 2.7, 2.8, 2.9	Demonstrate ability to apply basic dietary strategies for prevention and treatment of medical conditions and disease and	1. Prioritise nutritional management strategies	<ul style="list-style-type: none"> <li>Determining when one nutritional issue needs more immediate attention than another e.g.: elderly client with type 2 diabetes and cancer;</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates skills in the identification of nutritional risk, nutritional deficits and excesses</li> <li>Demonstrates prioritization of nutritional issues, depending on the broader profile / life</li> </ul>	<p><b>CORE RESOURCES</b></p> <ul style="list-style-type: none"> <li>Better Health Channel <a href="http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Constipation">http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Constipation</a></li> <li>Cancer Council Australia Position Statement Suggar Sweetened Beverages <a href="http://wiki.cancer.org.au/policy/Position_statement_-_Sugar-sweetened_beverages">http://wiki.cancer.org.au/policy/Position_statement_-_Sugar-sweetened_beverages</a></li> <li>Cancer Council Positons Statemet on Fruit, Vegetables and cancer prevention <a href="http://wiki.cancer.org.au/policy/Position_statement_-_Fruit_vegetables_and_cancer_prevention">http://wiki.cancer.org.au/policy/Position_statement_-_Fruit_vegetables_and_cancer_prevention</a></li> </ul>

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses		
		trauma, with recognition that many nutritional issues require specialist management by a dietitian	2. Explain nutritional risk factors for common diseases to patients and their families	<ul style="list-style-type: none"> <li>adolescent with insulin dependent diabetes and anorexia; overweight intellectually disabled client</li> <li>Dietary risk factors: <ul style="list-style-type: none"> <li>- Low fibre intake related to constipation, diverticular disease</li> <li>- Aflavotoxins and cancer</li> <li>- Low calcium intake and osteoporosis</li> <li>- Weight gain and inactivity and type 2 diabetes</li> <li>- High saturated fat intake &amp; CVD</li> <li>- Sodium and CVD</li> <li>- Sweetened drinks and weight gain</li> </ul> </li> <li>Dietary risk factors that alter depending on the setting e.g. low socioeconomic area - more money spent on fast food;</li> </ul>	<ul style="list-style-type: none"> <li>circumstances of the patient</li> <li>Demonstrates the ability to communicate common risk factors that could be modified to prevent / treat disease</li> <li>Demonstrates the ability to apply different management strategies for clients in a range of settings</li> </ul>	<ul style="list-style-type: none"> <li>NEMO resources <a href="http://www.health.qld.gov.au/nutrition/default.asp">http://www.health.qld.gov.au/nutrition/default.asp</a></li> <li>Australian Dietary Guidelines <a href="http://www.eatforhealth.gov.au/">http://www.eatforhealth.gov.au/</a></li> <li>NHMRC NRVs <a href="http://www.nrv.gov.au/dietary-energy">http://www.nrv.gov.au/dietary-energy</a></li> <li>Diabetes Australia Living With Diabetes <a href="http://www.diabetesaustralia.com.au/Living-with-Diabetes/">http://www.diabetesaustralia.com.au/Living-with-Diabetes/</a></li> <li>National Heart Foundation Information for Professionals <a href="http://www.heartfoundation.org.au/information-for-professionals/Pages/information-professionals.aspx">http://www.heartfoundation.org.au/information-for-professionals/Pages/information-professionals.aspx</a></li> <li>National Heart Foundation Healthy Eating for Public <a href="http://www.heartfoundation.org.au/healthy-eating/Pages/default.aspx">http://www.heartfoundation.org.au/healthy-eating/Pages/default.aspx</a></li> <li>Best Care for Older People Everywhere: The Toolkit. <a href="http://www.health.vic.gov.au/older/toolkit/06Nutrition/index.htm">http://www.health.vic.gov.au/older/toolkit/06Nutrition/index.htm</a></li> <li>Women's and Children Health and Nutrition Information <a href="http://www.wch.sa.gov.au/healthinfo/index.html">http://www.wch.sa.gov.au/healthinfo/index.html</a></li> <li>Eating Disorders Resources for Health Professionals <a href="http://ceed.org.au/clinical-resources/">http://ceed.org.au/clinical-resources/</a></li> <li>Dietitians in mental health <a href="http://daa.asn.au/wp-content/uploads/2011/03/Role-Statement-External.pdf">http://daa.asn.au/wp-content/uploads/2011/03/Role-Statement-External.pdf</a></li> <li>GP Referral to Dietitian Form <a href="http://daa.asn.au/wp-content/uploads/2013/10/DAA-Referral-Form-Template-1.pdf">http://daa.asn.au/wp-content/uploads/2013/10/DAA-Referral-Form-Template-1.pdf</a></li> </ul> <p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>Nutrition in Medicine (Portion Sizes, GDM, HYTN, Refeeding Syndrome, Primary Prevention of Cancer, Referral to Dietitian) <a href="http://nutritioninmedicine.org/m/youtube/browser/">http://nutritioninmedicine.org/m/youtube/browser/</a></li> <li>Failure to Thrive <a href="http://resources.kamsc.org.au/downloads/mcp_ftt.pdf">http://resources.kamsc.org.au/downloads/mcp_ftt.pdf</a></li> <li>NEMO Resources <a href="http://www.health.qld.gov.au/nutrition/default.asp">http://www.health.qld.gov.au/nutrition/default.asp</a></li> </ul>	

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses
				remote areas - less fruit and vegetables available; nursing home – less sunlight and Vitamin D levels; acute settings – malnutrition	
			3. Provide basic evidence based advice on nutrition to patients	<ul style="list-style-type: none"> <li>Type 2 diabetes: weight loss / maintenance; CVD: reduce saturated fat / increase MUFA AND PUFA; failure to thrive: increased energy using supplements (with specialist input from a Dietitian); coeliac disease: strict gluten avoidance (with specialist input from a Dietitian); malnourished elderly patients: increased eating frequency, energy dense foods (with Dietitian input)</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates the ability to provide basic evidence based nutrition advice to patients with common diseases such as type 2 diabetes, CVD, malnutrition</li> </ul>
			4. Where appropriate integrate nutrition goals into care plans, including referral to other professionals	<ul style="list-style-type: none"> <li>Combining nutrition related goals into medical management</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates the ability to recognise in what situations referral to a dietitian is appropriate</li> </ul>

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
			as required, particularly dietitians.	<ul style="list-style-type: none"> <li>Availability of services that can provide nutrition related services</li> </ul>		
<b>S4 ETHICS</b>	2.13 4.4 4.4	Demonstrate the ability to apply principles of ethics related to nutritional management	<ol style="list-style-type: none"> <li>Applies ethical and legal requirements to the decision making process concerning nutrition.</li> <li></li> </ol>	<ul style="list-style-type: none"> <li>Withholding or withdrawing of nutrition or hydration support</li> <li>Nutrition related medicolegal advice, for example in eating disorders</li> <li>Respects patients and relatives' choices in decisions related to provision of nutrition via oral, enteral or parenteral routes</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates the ability to recognise the nutrition related ethical issues that may be involved in end of life situations</li> </ul>	<p><b>CORE RESOURCES</b></p> <ul style="list-style-type: none"> <li>"Special considerations for endoscopists on PEG indications in older patients" ISRN 2012 <a href="http://dx.doi.org/10.5402/2012/607149">http://dx.doi.org/10.5402/2012/607149</a></li> <li>"The percutaneous endoscopic gastrostomy tube. Medical and ethical issues in placement" American Journal of Gastroenterology; 98(2):272-277 <a href="http://dx.doi.org/10.1016/S0002-9270(02)05935-X">http://dx.doi.org/10.1016/S0002-9270(02)05935-X</a></li> <li>"How are Treatment decisions made about artificial nutrition for individuals at risk of lacking capacity? A systematic literature review" PLoS 2013; 8(4) <a href="http://dx.doi.org/10.1371/journal.pone.0061475">http://dx.doi.org/10.1371/journal.pone.0061475</a></li> <li>On Withholding Artificial hydration and Nutrition From Terminally Ills Sedated Patient. The Debate Continues Journal of Medical Ethics 1996; 33: 147-153. <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1376978/pdf/jmedeth00302-0021.pdf">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1376978/pdf/jmedeth00302-0021.pdf</a></li> <li>The Palliative Approach Toolkit <a href="http://www.caresearch.com.au/caresearch/Portals/0/Documents/WhatisPalliativeCare/PA-Toolkit/01809-CEBPARAC_module%203%20web.pdf">http://www.caresearch.com.au/caresearch/Portals/0/Documents/WhatisPalliativeCare/PA-Toolkit/01809-CEBPARAC_module%203%20web.pdf</a></li> <li>Artificial nutrition and hydration in the last week of life cancer patients. A systematic literature review of practices and effects. Annals of Oncology; 22(7):1478-1486 <a href="http://annonc.oxfordjournals.org/content/22/7/1478.long">http://annonc.oxfordjournals.org/content/22/7/1478.long</a></li> <li>Artificial nutrition in palliative care <a href="http://www.caresearch.com.au/caresearch/ClinicalPractice/Physical/AppetiteProblems/ArtificialNutrition/tabid/185/Default.aspx">http://www.caresearch.com.au/caresearch/ClinicalPractice/Physical/AppetiteProblems/ArtificialNutrition/tabid/185/Default.aspx</a></li> </ul> <p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>The Multidisciplinary Teams in Eating Disorders Youtube <a href="https://www.youtube.com/watch?v=kMsSQMgtObI">https://www.youtube.com/watch?v=kMsSQMgtObI</a></li> <li>Parenteral Nutrition <a href="http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/nutrition-support-team/nutrition-articles/Parrish_May_2014.pdf">http://www.medicine.virginia.edu/clinical/departments/medicine/divisions/digestive-health/nutrition-support-team/nutrition-articles/Parrish_May_2014.pdf</a></li> <li>DAA Enteral nutrition manual for adults in health care facilities <a href="http://daa.asn.au/wp-content/uploads/2011/11/Enteral-nutrition-manual-Oct-2011.pdf">http://daa.asn.au/wp-content/uploads/2011/11/Enteral-nutrition-manual-Oct-2011.pdf</a></li> <li>Canadian Nutrition and End of Life <a href="http://www.virtualhospice.ca/en_US/Main+Site+Navigation/Home/Support/Support/Asked+and+Answered/Nutrition.aspx">http://www.virtualhospice.ca/en_US/Main+Site+Navigation/Home/Support/Support/Asked+and+Answered/Nutrition.aspx</a></li> </ul>

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
						<ul style="list-style-type: none"> <li>Canadian Policy Statement <a href="http://www.cps.ca/documents/position/withholding-withdrawing-artificial-nutrition-hydration">http://www.cps.ca/documents/position/withholding-withdrawing-artificial-nutrition-hydration</a></li> <li>US Artificial Nutrition and Hydration <a href="http://www.caringinfo.org/files/public/brochures/ArtificialNutritionAndHydration.pdf">http://www.caringinfo.org/files/public/brochures/ArtificialNutritionAndHydration.pdf</a></li> <li>Hydration and feeding decision making <a href="https://www.youtube.com/watch?v= fg8zZBCYk4">https://www.youtube.com/watch?v= fg8zZBCYk4</a></li> </ul>
<b>S5 TEAM</b>	3.6,3.7 4.8	Demonstrate ability to work effectively in a team with other health professionals to deliver optimal nutrition care	1. Recognise the limitations of ones own knowledge and skills and refer or consult with another health practitioner as appropriate	<ul style="list-style-type: none"> <li>Communication with other multidisciplinary team members and plan for management such as in coeliac disease, type 1 diabetes</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates ability to engage respectfully and effectively with multidisciplinary team members</li> <li>Demonstrates skills in locating and utilising services of community based organisations and NGOS that promote health and nutrition (e.g.: the Red Cross; Meals on Wheels; community health centres)</li> </ul>	<p><b>CORE RESOURCES</b></p> <ul style="list-style-type: none"> <li>CEED NSW Professional Guidelines <a href="http://cedd.org.au/health-professionals/resources-clinical-guidance/guidelines/">http://cedd.org.au/health-professionals/resources-clinical-guidance/guidelines/</a></li> <li>ANZAED - position papers <a href="http://www.anzaed.org.au/anzaed-position-papers.html">http://www.anzaed.org.au/anzaed-position-papers.html</a></li> <li>Centre General Practice Integration Studies (UNSW) <a href="http://newsletters.gppld.com.au/content/Document/Chronic%20Disease%20Updates/52%20CDU/ATT2_PG_Teamwork%20Case%20Studies%20Booklet%20pdf.pdf">http://newsletters.gppld.com.au/content/Document/Chronic%20Disease%20Updates/52%20CDU/ATT2_PG_Teamwork%20Case%20Studies%20Booklet%20pdf.pdf</a></li> <li>How a multidisciplinary team works <a href="http://www.ruraldoc.com.au/assets/Publications/Conference%20Presentations/publication-conference-How%20a%20multi-disciplinary%20team%20works-Ms%20Merridy%20Chester%20and%20Mr%20Brett%20Webster-13-05-24.pdf">http://www.ruraldoc.com.au/assets/Publications/Conference%20Presentations/publication-conference-How%20a%20multi-disciplinary%20team%20works-Ms%20Merridy%20Chester%20and%20Mr%20Brett%20Webster-13-05-24.pdf</a></li> <li>What is a Dietitian? Choosing a Dietitian? <a href="http://daa.asn.au/for-the-public/find-an-apd/what-is-an-accredited-practising-dietitian/">http://daa.asn.au/for-the-public/find-an-apd/what-is-an-accredited-practising-dietitian/</a></li> <li><a href="http://daa.asn.au/for-health-professionals/choosing-your-nutrition-expert/">http://daa.asn.au/for-health-professionals/choosing-your-nutrition-expert/</a></li> <li>Aus Govt Dept Health - Chronic Disease Management - Individual Allied Health Services under Medicare <a href="http://www.health.gov.au/internet/main/publishing.nsf/content/health-medicare-health_pro-gp-pdf-allied-cnt.htm">http://www.health.gov.au/internet/main/publishing.nsf/content/health-medicare-health_pro-gp-pdf-allied-cnt.htm</a></li> <li>AHPA What Does a Dietitian Do? <a href="http://cdm.ahpa.com.au/HealthcareProfessionals/AlliedHealthProfessionals/Dietitians/tabid/152/Default.aspx">http://cdm.ahpa.com.au/HealthcareProfessionals/AlliedHealthProfessionals/Dietitians/tabid/152/Default.aspx</a></li> <li>Electronic Referral Form (DAA) <a href="http://daa.asn.au/for-health-professionals/electronic-apd-referral-form/">http://daa.asn.au/for-health-professionals/electronic-apd-referral-form/</a></li> <li><a href="http://daa.asn.au/wp-content/uploads/2013/10/DAA-Referral-Form-Template-1.pdf">http://daa.asn.au/wp-content/uploads/2013/10/DAA-Referral-Form-Template-1.pdf</a></li> <li>NGOs Building the Power of Partnerships (Article) <a href="http://www.health.vic.gov.au/archive/archive2014/nphp/workprog/signal/foodchain/fdchain3.pdf">http://www.health.vic.gov.au/archive/archive2014/nphp/workprog/signal/foodchain/fdchain3.pdf</a></li> <li>Cancer Council <a href="http://www.cancer.org.au/">http://www.cancer.org.au/</a></li> <li>National Heart Foundation <a href="http://www.heartfoundation.org.au/Pages/default.aspx">http://www.heartfoundation.org.au/Pages/default.aspx</a></li> <li>Nutrition Australia <a href="http://www.nutritionaustralia.org/">http://www.nutritionaustralia.org/</a></li> </ul>
			2. Understand, respect, incorporate and support the roles of other health professionals in nutritional management of patients	<ul style="list-style-type: none"> <li>Formulating a referral to an allied health professional, including relevant assessment and diagnostic information</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates the importance of using a multi-disciplinary team approach to nutritional assessment and management of individuals and groups</li> <li>Demonstrates the importance of communication via referral including relevant assessment and diagnostic information</li> </ul>	

Competency Number	New AMC GOS	Nutrition Competency (Knowledge or Skill Based)	Student Learning Outcomes / Objectives (LOs)	Examples of subject matter to address LOs	Examples of LOs that could be incorporated into existing topics in medical courses	
						<ul style="list-style-type: none"> <li>• Red Cross <a href="http://www.redcross.org.au/">http://www.redcross.org.au/</a></li> <li>• Meals on Wheels <a href="http://www.mealsonwheels.org.au/home.aspx">http://www.mealsonwheels.org.au/home.aspx</a></li> <li>• Australian Medicare Alliance – Guide to Allied health professionals in PHC <a href="http://www.actml.com.au/programs/allied-health/amla-guide-to-ah-professions-in-the-primary-care-setting_20140102133953.pdf">http://www.actml.com.au/programs/allied-health/amla-guide-to-ah-professions-in-the-primary-care-setting_20140102133953.pdf</a></li> <li>• NHMRC Talking with Patients About Complementary Medicine <a href="http://www.nhmrc.gov.au/files_nhmrc/publications/attachments/cam001_complementary_medicine_resource_clinicians_140409.pdf">http://www.nhmrc.gov.au/files_nhmrc/publications/attachments/cam001_complementary_medicine_resource_clinicians_140409.pdf</a></li> <li>• Community Health Centres <a href="http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/community_health_centres">http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/community_health_centres</a></li> </ul> <p><b>ADDITIONAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>• Nutrition in Medicine <a href="http://nutritioninmedicine.org/portal/">http://nutritioninmedicine.org/portal/</a></li> <li>• Nutrition and Arthritis <a href="http://www.arthritisaustralia.com.au/images/stories/documents/info_sheets/2014/General/Healthyeatingandarthritism.pdf">http://www.arthritisaustralia.com.au/images/stories/documents/info_sheets/2014/General/Healthyeatingandarthritism.pdf</a></li> </ul>

