





Content Weighting							
Nutrition Topic Areas	Total	RE	AP	AN			
Nutritional Factors Affecting Health and Performance	3	3	0	0			
Strategies for Optimizing Body Composition and Maximizing Physical Performance and Recovery	4	0	4	0			
Eating Disorders and Altered Eating Habits	2	2	0	0			
Performance-Enhancing Substances and Methods	4	4	0	0			
Total	13	9	4	0			
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Protein Recommendations

· General intake

- Protein: 10-15% overall; 0.8 grams/kg bodyweight
- For the tactical athlete
 - Resistance training: 1.6-1.7 g/kg bodyweight
 - Endurance training: 1.2-1.4 g/kg bodyweight

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5-6 g/kg day











Water and Electrolytes

• Water

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- Affects performance through thermoregulation
- $\,$ 2-6% of bodyweight can be lost during exercise
- Dehydration decreases performance
- · Electrolytes
 - Sodium chloride, potassium

- Replacement may be necessary





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- Hyperlipidemia
 - High levels of cholesterol or other lipids and unfavorable ratios of lipoproteins (LDL/HDL) in the blood

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- Associated with \uparrow risk of heart disease
- Optimal levels:

- Total serum cholesterol <200 mg/dL
- HDL >40 mg/dL
- LDL <130 mg/dL
- Triglycerides <150 mg/dL















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Planning and Intervention Strategies

- Tips to maintain energy balance and hydration - Eat a high-carbohydrate diet
 - Avoid fatty foods
 - Avoid high-protein intake (increases water loss)
 - Eat small, frequent meals
 - Hydrate regularly
- Encourage consumption during periods of lower energy expenditure
- Teach identification of safe food/water sources

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