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# *Isospora and Cyclospora as Causative Agents of Diarrhea in Protein Energy Malnutrition*

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*To My Parents  
and Husband*



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*Diarrhea among other immuno-  
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## *List of Abbreviations*

<b><i>AIDS</i></b>	<b><i>Acquired immunodeficiency syndrome</i></b>
<b><i>AMP</i></b>	<b><i>Adenosine monophosphate</i></b>
<b><i>ATP</i></b>	<b><i>Adenosine triphosphate</i></b>
<b><i>C. cayetanensis</i></b>	<b><i>Cyclospora cayetanensis</i></b>
<b><i>CD<sub>4</sub></i></b>	<b><i>Helper T-cell</i></b>
<b><i>CD<sub>8</sub></i></b>	<b><i>Cytotoxic T-cell</i></b>
<b><i>Cl</i></b>	<b><i>Chloride</i></b>
<b><i>CT</i></b>	<b><i>Computerized tomography</i></b>
<b><i>E. coli</i></b>	<b><i>Eschericia coli</i></b>
<b><i>E. histolytica</i></b>	<b><i>Entamoeba histolytica</i></b>
<b><i>ELISA</i></b>	<b><i>Enzyme linked immunoassay</i></b>
<b><i>Fig</i></b>	<b><i>Figure</i></b>
<b><i>G. lamblia</i></b>	<b><i>Giardia lamblia</i></b>
<b><i>H<sub>2</sub>O</i></b>	<b><i>Water</i></b>
<b><i>HCO<sub>3</sub></i></b>	<b><i>Bicarbonate</i></b>
<b><i>HIV</i></b>	<b><i>Human immunodeficiency virus</i></b>
<b><i>IDDM</i></b>	<b><i>Insulin dependent diabetes mellitus</i></b>
<b><i>IFAT</i></b>	<b><i>Immunofluorescent antibodies test</i></b>
<b><i>IL-2</i></b>	<b><i>Interleukin-2</i></b>
<b><i>K</i></b>	<b><i>Potassium</i></b>
<b><i>KWO</i></b>	<b><i>Kwashiorkor</i></b>
<b><i>MAC</i></b>	<b><i>Mid arm circumference</i></b>
<b><i>Marasmic KWO</i></b>	<b><i>Marasmic Kwashiorkor</i></b>
<b><i>min</i></b>	<b><i>Minutes</i></b>
<b><i>MRI</i></b>	<b><i>Magnetic resonance imaging</i></b>
<b><i>Na</i></b>	<b><i>Sodium</i></b>
<b><i>PD</i></b>	<b><i>Persistent diarrhea</i></b>
<b><i>PEM</i></b>	<b><i>Protein energy malnutrition</i></b>

<i>pts.</i>	<i>Patients</i>
<i>SD</i>	<i>Standard deviation</i>
<i>serum C<sub>3</sub></i>	<i>Serum complement 3</i>
<i>SPECT</i>	<i>Single photon emission computed tomography</i>
<i>T<sub>3</sub></i>	<i>Triiodothyronine</i>
<i>T<sub>4</sub></i>	<i>Thyroxine</i>
<i>UK</i>	<i>United Kingdom</i>
<i>um</i>	<i>Micrometer</i>
<i>US</i>	<i>United States</i>
<i>-ve</i>	<i>Negative</i>
<i>+ve</i>	<i>Positive</i>
<i>vit A</i>	<i>Vitamin A</i>
<i>vs.</i>	<i>Versus</i>
<i>wt</i>	<i>Weight</i>
<i>%</i>	<i>Percentage</i>

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