17. Glossary of Terms

Angiogenesis:...... The generation of new blood vessels in tissues

Autolysis: The body's natural ability to debride dead tissue. Softening of dead cells

brought about by enzymes in the cells themselves.

Biofilm...... A thin layer of microorganisms adhering to a surface, e.g. wound,

together with polymers that they secrete.

Collagen: The main protein constituent of white fibrous tissue

Cellulitis: A spreading infection into soft tissue.

Colonisation:....... Multiplication of organisms without a corresponding host reaction

Contamination: Presence of microorganism but without multiplication

Contraction: A function of the healing process in granulating tissue whereby edges of

the wound are drawn towards each other

Debridement:...... The removal of devitalised tissue and foreign matter

Eczema: Originates from the Greek word 'to boil over'. Features dry, itching, red

and inflamed skin. The words eczema and dermatitis are synonymous. It affects 1 in 10 people in the United Kingdom it can be mild moderate or

severe.

Epidermis The outer layer of the skin, which forms a protective covering of the

body. Comprising five layers, the epidermis constantly renews itself, with the bottom or germinative layer producing new cells and the top layer, stratum corneum, made up of dead cells which regularly worn off.

Epithelium.......... Is the tissue that covers the body surface, lines body cavities and forms

glands

Epithelialisation The final stage of the proliferative stage of tissue healing

Erythema..... Redness of the skin due to hyperaemia

Eschar A scab consisting of dried serum and devitalised dermal cells

Fibroblast..... An immune collagen producing cell of connective tissue

Granulation:......... The formation of new tissue filling the defect which takes place during,

the proliferation phase of healing. The name is derived from the fact that

the buds of new tissue take on the appearance of small granules.

Haemostasis:...... The termination of bleeding by mechanical or chemical means or by the

complex coagulation process of the body, consisting of vasoconstriction,

platelet aggregation, thrombin and fibrin synthesis.

Infection:..... Micro-organisms are not only present but are multiplying and producing

an associated host reaction. This may take various forms.

Maceration:..... A softening or sogginess of the tissue owing to retention of excessive

moisture. Often showing as white wet tissue.

Necrosis: The local death of tissue. The tissue is often black /brown in colour and

'leathery 'in texture

Oedema:...... The abnormal accumulation of fluid beneath the skin, or in one or more

cavities in the body.

Pathogenic: Disease-producing, and is a term for example, applied to bacteria,

capable of causing disease

Slough: Devitalised tissue which has a yellow/white/grey hue.

Vasoconstriction... Narrowing of the blood vessels which results in the blood flow to a

particular part of the body being reduced. Cold will cause

vasoconstriction of the vessels under the skin, reducing heat loss and

shock due to injury or blood loss