



| TERMS AND DEFINITIONS: | |
|-------------------------------------------------------------------------------|--|
| | |
| Dyskaryosis: A cytological term describing the nuclear abnormalities | |
| not synonymous with dysplasia | |
| <u>Squamo-columnar junction (SCJ):</u> | |
| Where squamous and columnar tissue meet; this is not | |
| fixed, but is affected by metaplasia | |
| Metaplasia: A physiological process whereby columnar epithelium is | |
| replaced by squamous tissue in response to the acid | |
| environment of the vagina | |
| Transformation zone: | |
| That area on the cervix that has undergone metaplasia; it | |
| is bounded by the original SCJ and the present SCJ | |
| <u>Dysplasia</u> : A histological term describing architectural abnormalities | |
| within tissue | |
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- n The process of metaplasia can be disrupted by external influences and can lead to disordered squamous epithelium called dysplastic epithelium.
- Dysplastic epithelium lacks the normal maturation of cells as they move from the basal layer to the superficial layer.
- n The nuclei tend to be larger, more variable in size and shape and more actively dividing than in healthy squamous epithelium.



Dysplasias (cervical intraepithelial neoplasia) (CIN):

They are graded as mild, moderate or severe, depending on the degree of cytological atypia and also the thickness of the epithelium involved.











| - | Screening intervals for cervical pathology (in UK) | | |
|---|------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--|
| | Age group | (years) Frequency of screening | |
| | 25 | First invitation | |
| | 25-49 | Three yearly | |
| | 50-64 | Five yearly | |
| | 65+ | Only screen those who have not beenscreened sinceage50 or those who have had recent abnormal tests. | |
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Cytobrush Insert ~ 2 cm (until brush is fully inside cervical canal) Rotate only 180 degrees (otherwise will cause bleeding)











| Interpreta plans for لطلاع رجاءا | ation and mana different smear لا | gement grades: |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Severe dyskaryosis | Cellular appearance consistent with underlying CIN3 | Refer for colposcopy |
| Suspicious of invasive cancer | Possibility of invasive cancer | Refer for colposcopy |
| Glandular neoplasia | Cellular appearance suggests an abnormality in the endocervical canal or endometrium | Refer for colposcopy and gynaecological assessment |
| Inadequate | The smear is unable to be interpreted in the laboratory; it may be poorly prepared at the point of collection, obscured by blood or inflammatory cells or may not contain the right type of cells | Repeat the smear; if infection is suspected as the reason for the inadequate smear, treat this first |

















| INCATIVIENT C | Ablative techniques |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| LLETZ – removal of the | Radical electrodiathermy – |
| transformation zone using an | burning the transformation zone: |
| electrodiathermy loop; requires local or general anaesthesia | usually requires general anaesthesia |
| Laser cone – removal of the transformation zone using the laser; requires local or general anaesthesia | Cold coagulation – destroying the transformation zone by applying a probe heated to 100–120°C; usually |
| | requires local anaestnesia |
| with a knife; usually requires general anaesthesia | does not require any anaesthesia |
| Hysterectomy – may be suitable if | Laser – vaporizing the tissue; |
| the woman has other gynaecological problems | requires local or general anaesthesia |





