

ACCESS - Field Definition grid for Attributes of Entity 'Patient'

Entity name: PATIENT provides patient details for all in-patients or out-patients making hospital visits for consultations or operations
Synonyms: none

| Attribute name | Description | Synonym(s) | Data type | Size (*= max) | Possible data values | Optional ? | Validation rules | Key ? |
|-------------------|--|--------------------|-------------------|--------------------------|----------------------------------|---------------|---|----------|
| Patient number | Official NHS Patient Registration Number | Patient ID (Admin) | Alphanumeric | 9 | AAA000001 to ZZZ999999 | NO | 3 alpha plus 6 digits; convert alphas to upper case | PK |
| Patient surname | | | Alpha plus hyphen | 25* | Any | NO | Convert to upper case | No |
| Patient forenames | | | Alpha plus space | 40* | Any | YES | Must have at least forenames (or initials), or title; convert to title case | No |
| Patient title | e.g. Mr... | | Alpha | 6* | As per Lookup table (title case) | YES | Must have at least forenames (or initials), or title | No |
| Address dwelling | House/flat name or number | | Alphanumeric | 15* | Any | NO | Convert to title case | No |
| Address street | | | Alpha plus space | 20* | Any | NO | Convert to title case | No |
| Address town | | | Alpha | 20* | Any | YES | Must have at least town or county; convert to upper case | No |
| Address county | | | Alpha | 20* | As per Lookup table (upper case) | YES | Must have at least town or county | No |
| Post Code | Standard UK Post Code | | Alphanumeric | 8 | Valid UK Post Code | YES | 2 alpha, 1 digit, optional alpha or space, space, 1 digit, 2 alpha | No |
| Date of birth | | | Date | | 1-1-1880 to present | YES | | No |

Field Definition grid for Attributes of Entity 'Penalty'

Entity name: PENALTY charge applied when a patient has missed two consecutive appointments without first warning the hospital

Synonyms: none

| Attribute name | Description | Synonym(s) | Data type | Size (* = max) | Possible data values | Optional ? | Validation rules | Key ? |
|------------------------|-------------------------------------|------------|------------------------|-------------------|--|---------------|--|----------|
| Patient number | (see description on PATIENT entity) | | | | | | | PK |
| Date of penalty charge | | | Date | | Apply today's date (default?) | NO | After 2 consecutive missed appointments (not before system implementation) | PK |
| Penalty amount | Fixed penalty: currently £5.00 | | Real number (currency) | 4 (2 decimals) | As per lookup table [could be done as a fixed default] | NO | | No |
| Date paid | | | Date | | Apply today's date (default?) | YES | Not before 'Date of penalty charge' | No |