**Firearms Marker Business Rules**

**Glossary**

| Term | Description |
| --- | --- |
| Applicant | A citizen applying for a Firearms or Shotgun Certificate  |
| Doctor | A doctor with a full, specialist or GP (rather than provisional) GMC registration and a licence to practise.See also GP definition below.Note: A doctor completing the Medical Information Proforma is not necessarily an Applicant’s GP, however, the Police inform an Applicant’s GP of the Application outcome. |
| EPR | Electronic Patient Record |
| Firearms Application | The application for the grant or renewal of a Firearm and/or Shotgun Certificate  |
| FTCSRS | Firearms trigger concept simple reference set – the list of condition codes which are defined as being of clinical concern, such as may be suitable to trigger alerts.The reference set is published in the Primary Care Clinical Reference Sets distribution on TRUD via this link <https://isd.digital.nhs.uk/trud/users/authenticated/filters/0/categories/8/items/659/releases>. A human readable spreadsheet containing the reference set members is stored in the Supporting Products folder. |
| GP | A Doctor working in the applicant’s Registered GP Practice  |
| Medical Information Proforma | The section of the Application for a Firearms Licence form completed by a doctor. The application process is available here:  <https://www.gov.uk/shotgun-and-firearm-certificates> |
| Practice User | An authorised person with the appropriate delegated authority |

## Purpose of this document

This document outlines the business rules and requirements to trigger alerts for the firearms marker.

There is a need for a firearms marker to be supported nationally in GPIT Foundation Solutions. This is to support the sharing of medical information between GPs and the police to help ensure that those who are licensed to possess firearms are medically fit to do so and do not pose risk to themselves or others.

The Applicant fills in the Firearms Application form. The Applicant takes the Medical Information Proforma to a GP to be completed. The GP places a ‘firearm application made’ marker on the Applicant’s record. Once completed the Applicant takes the whole Application including the Medical Information Proforma to the police. When a firearm certificate is granted, the police advise the GP so that a ‘firearm certificate held’ marker can be placed on the patient record. If a firearms certificate application is rejected, the Police advise the GP so that a ‘Application for firearm certificate rejected’ code can be placed on the patient record.

A set of SNOMED codes is required to support these processes.

## Trigger scenarios

Scenario 1

**As a** GP

**I Want** to be prompted of any conditions from the FTCSRS recorded in the patient record when completing a Medical Information Proforma for an Applicant in support of a firearm licence request

**So that** I can be supported in completing the Medical Information Proforma

Scenario 2

**As a** GP

**I want to** record firearm certificate information for an Applicant

**So that** I can update the Applicant’s EPR

Scenario 3

**As a** GP

**I want** to be prompted when a Patient holds a current Firearms or Shotgun Certificate when updating a patient record with a condition within the FTCSRS.

**So that** I can consider the implications and take the appropriate action if necessary

Scenario 4

**As a** Practice User

**I want** to be prompted when a Patient holds a current Firearms or Shotgun Certificate when updating a patient record with a condition within the FTCSRS.

**So that** I can notify the Patient’s GP, who can then review the medical record to consider whether the police must be notified of the condition in order to assess their suitability to hold a Firearms Certificate.

## Clinical codes

| Description | SNOMED CT |
| --- | --- |
| Has applied for firearm certificate | 1366291000000101 |Has applied for firearm certificate (finding)| |
| Has shotgun certificate | 812091000000109 |Has shotgun certificate (finding)| |
| Has firearm license | 1141914003 |Has firearms license (finding)| |
| No longer has shotgun certificate | 1033741000000102 |No longer has shotgun certificate (finding)| |
| No longer has firearm certificate | 1033721000000109 |No longer has firearm certificate (finding)| |
| Notification of concern to police | 1366301000000102 |Police notified of general practitioner concern regarding suitability to hold firearm licence following system alert (finding)| |
| Application for firearm certificate rejected | 1147511000000108 |Application for firearm certificate rejected (finding)| |
| Review of medical record for firearms suitability | 1423901000000106 | Review of medical record relating to firearms licence (procedure) | |
| Medical conditions which should be reviewed in considering application for or holding of firearm/shotgun certificate are in the FTCSRS |

A “Firearm Certification Code” is defined as “current” when one of the following three scenarios are met.

1. A record indicating a firearm certificate is currently held (1141914003 |Has firearms license (finding)|), has been added to the records within the past 5 years and has not been superseded by the matching concept (1033721000000109 |No longer has firearm certificate (finding)|).
2. A record indicating a shotgun certificate is currently held (812091000000109 |Has shotgun certificate (finding)|), has been added to the records within the past 5 years AND has not been superseded by the matching concept (1033741000000102 |No longer has shotgun certificate (finding)|).
3. A record indicating the patient has applied for a certificate in the last 6 months (1366291000000101 |Has applied for firearm certificate (finding)|) AND has not been superseded by the matching concept (1147511000000108 |Application for firearm certificate rejected (finding)|).

***Note:*** *Holding a shotgun certificate does not negate holding a firearms certificate, and no longer having a firearm certificate does not negate holding a shotgun certificate.*

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## Pathways

***Pathway 1a:*** ***New Firearms Application (GP scenario)***

1. The GP receives a request from the Applicant to complete the Medical Information Proforma
2. The GP adds SNOMED code (“Has applied for firearm certificate”) to the EPR
3. EPR produces an immediate on-screen display of all of the FTCSRS codes contained within the patient record at the time the code is added so that the GP can complete the Medical Information Proforma
4. Adding the SNOMED code should trigger the on-screen display of conditions. It should also be possible to trigger the on-screen display by an alternative method.
5. The GP reviews the record, and records that they have reviewed the clinical record for suitability to hold a Firearms licence (1423901000000106 | Review of medical record relating to firearms licence (procedure) |) which should disable the alert(s).

***Pathway 1b: New Firearms Application (Practice User scenario)***

1. The Practice User receives a request from the Applicant to complete the Medical Information Proforma
2. The Practice User adds SNOMED code (1366291000000101 |Has applied for firearm certificate (finding)|) to the EPR or notifies the GP who adds the code.
3. EPR produces an immediate on-screen display of all of the FTCSRS codes contained within the patient record at the time the code is added so that the GP can complete the Medical Information Proforma, and the Practice User should be reminded that an action must be given to the appropriate GP to complete this task. It should also be possible to trigger the on-screen display by an alternative method.
4. The GP reviews the record, and records that they have reviewed the clinical record for suitability to hold a Firearms licence (1423901000000106 | Review of medical record relating to firearms licence (procedure) |), which should disable the alert(s).

***Pathway 2a: Has current “Firearm Certificate Code” or current firearms application code with new diagnosis added by a GP***

1. The GP adds a SNOMED coded term from the FTCSRS
2. EPR is checked for a current “Firearm Certificate Code” or a current “firearms application code” and if one or more of them exists, EPR generates (at the time the code is added) a direct, on-screen display advising the GP that the patient holds or has recently applied for a Firearms Certificate
3. The GP makes a clinical assessment of the records, and records that they have reviewed the clinical record for suitability to hold a Firearms licence (1423901000000106 | Review of medical record relating to firearms licence (procedure) |), which should disable the alert(s).
4. If the Police have been notified, that should be recorded using SNOMED concept (1366301000000102 |Police notified of general practitioner concern regarding suitability to hold firearm licence following system alert (finding)|) with optional additional free text [for example, to indicate the patient had been advised to notify the police].

***Pathway 2b: Has current “Firearm Certificate Code” or current firearms application code with new diagnosis added by Practice User***

1. The Practice User adds a SNOMED coded term from the FTCSRS
2. EPR is checked for a current “Firearm Certificate Code” or a current “firearms application code” and if one or more of them exists, EPR generates (at the time the code is added) a direct on-screen display warning of possible concern.
3. The Practice User informs the GP so that a clinical assessment may be completed
4. The GP reviews the record, and records that they have reviewed the clinical record for suitability to hold a Firearms licence (1423901000000106 | Review of medical record relating to firearms licence (procedure) |), which should disable the alert(s).
5. If the Police have been notified, that should be recorded using SNOMED concept (1366301000000102 |Police notified of general practitioner concern regarding suitability to hold firearm licence following system alert (finding)|) with optional additional free text [for example, to indicate the patient had been advised to notify the police].