# Doodle description / summary

|  |
| --- |
| Describe what the doodle should look like, specifying colours etc., using sketches or drawings if useful.  Please include both front and side views if required. |
| Laser burns to the ciliary body (outside of the iris).  Associated data to be recorded using a form section (outside of the doodle): Number of shots, Shot duration, Circumference, Power, Pops, and if the 3 and 9 O’clock horizontals avoided.  The doodle should visualise the user-specified circumference value (input using the form or by dragging handles on the drawing). The number of shots shown in the drawing should equal that entered in the form.    And if the 3 and 9 O’clock horizontals were avoided (checkbox = ticked): |

# Properties

*For property defaults and allowable ranges, it may be useful to describe these in relation to other drawing elements e.g. the anterior segment.*

|  |  |
| --- | --- |
| **Placement within the canvas** | |
| Default position | Centred around Anterior Segment |
| Does the user need to move the doodle about the canvas? | N |
| Boundary range | N/A |

|  |  |
| --- | --- |
| **Size** | |
| Does the user need to resize the doodle? | N |
| Should the doodle maintain its scale when resized? \* | N/A |
| Sizing constraints (minimum / maximum allowed) | N/A |
| Default size | N/A |

\* i.e. so that a square cannot be made into a rectangle!

|  |  |
| --- | --- |
| **Rotation** | |
| Does the user need to rotate the doodle around itself?  And/or around the canvas? | Y  Y (Same behaviour as above) |
| Allowable range | 360 degrees |
| Default rotation | Rotated so that any reduction in circumference will remove shots from the supero-temporal quadrant. |

|  |  |
| --- | --- |
| **Multiple doodles of this type** | |
| Can multiple doodles of this type exist within a single drawing? | Y |
| How should subsequent doodles of this type be added to the drawing? | Rotated 45 degrees |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Persistence** | | | | | | |
| Should this finding persist in future OE events and drawings? | | N | | | | |
| **If yes, please indicate which canvas(es) the doodle should persist from and to using the matrix below \*** | | | | | | |
|  | | | ***To*** | | | |
| Examination | Operation note | Laser procedure | Intravitreal injection |
| ***From*** | Examination | |  |  |  |  |
| Operation note | |  |  |  |  |
| Laser procedure | |  |  |  |  |
| Intravitreal injection | |  |  |  |  |

\* If the doodle should only persist at certain times, please specify this in the relevant cell (e.g. from examination to Cataract operation note only).

# Control parameters

Using the tables below, please describe the data that should be captured in the blue pop-out controller.

You may add as many control parameters as required, or leave blank if no additional data should be recorded.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name / display label (including units if required) | Type | Allowable range / List values | Default value | How does this parameter affect the doodle display? \* |
| Circumference (deg) | Int | 1-360 | 360 | Changes circumference of doodle around the anterior segment. |
| Number of shots | Int | 1-50 | 20 | This number should equal the number of spots drawn in the doodle |
| 3 and 9 O’clock horizontals avoided | bool |  | true | If true, arrows indicating horizontals appear. |

\* e.g. Changes opacity level

|  |  |
| --- | --- |
| **Parameter type** | **Description** |
| list | Drop down list of text values |
| freeText | Free textbox |
| bool | True / false checkbox |
| int | Positive integer value |
| float \* | Floating point value (decimal) |

\*If using *float,* please specify the required number of decimal places in the *Range / List values* box.

|  |
| --- |
| Does the doodle need to interact with any other form elements or doodles? |
| Yes – the associated data to be recorded using a form section (outside of the doodle flyout):  Number of shots,  Circumference,  Power, (can be a range of values e.g. 1200-1300mw, or just 1 value e.g. 1300mw. Default: 1300mw)  Duration of each shot, (can be a range of values or just 1. Default: 4000ms.)  Pops, (Drop down list: None, Infrequent, Frequent)  3 and 9 O’clock horizontals avoided. |

# Report output

|  |
| --- |
| What text should be displayed for this doodle in the report?  Please specify if the text should change with properties of the doodle. \* |
| A report will not be used in the laser event, but it will be coded into the doodle as follows for completeness / future design changes.  e.g. “20 shots, distributed over 270 degrees, avoiding the superotemportal quadrant. 3 and 9 O'Clock were avoided.”  e.g. “20 shots, distributed over 360 degrees. 3 and 9 O'Clock were avoided.” |

\* If multiple doodles of this type can be added to the canvas, please specify if a single description is required for all doodles of the type (e.g. sideport doodles), or if the descriptions should be listed separately (e.g. corneal opacity).

|  |
| --- |
| Should the presence of the doodle add a diagnosis for the patient? |
| N |

|  |
| --- |
| Should the presence of the doodle trigger a risk to be added for the patient? \* |
| N |

\* Risks are shown in the patient summary pop up, and within OpenEyes events (e.g. the Risks element within the examination event).

Please list the SNOMED CT code(s) for this doodle. If more than one code is relevant, please provide the context for each code in the comments. You may add as many rows as required.

|  |  |  |
| --- | --- | --- |
| SNOMED CT code | SNOMED CT concept text | Comments |
|  |  |  |
|  |  |  |

|  |
| --- |
| Is the presence of this doodle an indicator for any risk stratification models?  E.g. NOD PCR risk calculator |
| N |

# Requirements sign off - to be signed off by user group representative.

*When no more changes are required, please indicate that they are complete by signing below.*

|  |  |
| --- | --- |
| **Initials** | **Date** |
|  |  |