# **Definitions for Diabetic Eye Screening**

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| **Term**  | **Definition**  |
| accept  | A response to an offer which indicates that a screening patient is willing to proceed with a routine digital screening event.  |
| acceptance of offer  | The proportion of those offered screening who accept the offer.  |
| actionable referral outcome grade | The referral outcome (as opposed to the grading outcome) that determines the next step in the screening and treatment pathway for the patient once their imagesets have been graded. |
| affected case  | An individual in whom the condition being screened for is present.  |
| certifications of sight impairment/ severe sight impairment | Evidenced by data from CVI certificate (or equivalent) from hospital ophthalmology department for better seeing eye. |
| communication  | An interchange that the individual is capable of understanding and acting upon.  |
| completeness of offer  | The proportion of those eligible for screening who are offered screening.  |
| consultation | Attendance at a hospital eye service for assessment of retinopathy and/or maculopathy. |
| current patients | Those eligible but not excluded for screening by this programme. |
| digital surveillance (DS) | The pathway under which a patient requires monitoring on a more frequent basis than annual routine digital screening but there is no current requirement for the patient to be referred to HES.  |
| digital surveillance event | Patient attendance for a digital surveillance appointment |
| DNA | Did not attend. Applies to appointments where a fixed date was assigned. |
| DNR | Did not respond. Applies to open or partial invitations where the patient is required to contact the screening provider to arrange a fixed appointment date. |
| eligible | On the programme register and either excluded, suspended or under routine digital screening |
| exception | When a digital image cannot be taken due to e.g. technical failure, operator error or administration discrepancies. |
| excluded | Patients who are on the register and eligible for screening but not invited due to having opted-out of screening or being classed as medically unfit. |
| final grading outcome | Following internal quality assurance procedures, the assessment of a level of diabetic retinopathy from the evidence as presented. |
| first invitation |  The initial offer given to a patient who has not been previously invited since being added to the screening programme register. Must be a realisable appointment within three months of invitation being sent.  |
| first laser treatment | The date at which laser treatment for diabetic retinopathy was first carried out following listing |
| first RDS event/ first screening | The first attendance at RDS event when the patient has not previously attended a RDS event, since being added to the screening programme register. |
| first treatment | The date at which treatment (such as laser or injection) for diabetic retinopathy was first carried out following listing |
| first visit | An appointment with a specialist directly resulting from a referral from a screening service. |
| full grading | A determination by a grader for the level of diabetic retinopathy. |
| GP practice participation | Any GP practice with which eligible patients of this programme are registered. |
| HES | Hospital Eye Service |
| imageset | The set of images which are captured for a single patient during screening. Usually, a patient imageset consists of four images – one macular and one nasal for each eye. |
| ineligible | Patients who are on the register but are not eligible for screening due to having no perception of light in both eyes. |
| invitation | See invited.  |
| invited | Formal communication made by the screening service for a routine digital screening event to take place within the reported time period |
| issuing  | The production of result notification, e.g. printing and dispatch of notification letters.  |
| listed | The date at which a decision to treat by laser was recorded by the specialist. |
| notification  | The issuing of a result letter. |
| off-register | Patients who are not on the screening programme register due to being categorised as; deceased, moved out of area, not diabetic, under 12, seen in another programme or refused demographic transfer.  |
| positive test | Any disease outcome (i.e. presence of retinopathy and/or maculopathy, or ungradeable). |
| predominantly | ‘The major attributable cause’, as determined by the ophthalmologist. |
| referred | An appropriate referral request was made. |
| referred as  | With a final grading outcome as specified. |
| register | Collated list of patients under this screening programme who are either eligible or ineligible for screening. |
| result letter | An appropriate indication to an entitled party (minimum of patient and patient's GP), being issued/printed of: |
| a. the date at which the patient was screened |
| b. the final outcome of grading the patient imagesets |
| c. the action recommended |
| routine digital screening (RDS) | The first stage of the patient screening pathway where digital images are obtained, graded and a referral outcome is decided. |
| routine digital screening event | Patient attendance for a routine digital screen appointment where digital images were obtained. |
| slit lamp biomicroscopy surveillance (SLBS) | The pathway under which patients are managed following RDS, where patients for whom adequate retinal examination cannot be obtained by retinal photography, are examined by SLB. |
| slit lamp biomicroscopy surveillance event | Patient attendance for a SLBS appointment |
| surveillance | See digital surveillance and slit lamp biomicroscopy surveillance |
| suspended | Patients who are on the register and eligible for screening but not invited for RDS due to receiving screening in HES, DS or SLBS. |
| ungradeable | Image fails to meet the definition of adequate image quality. See the document *Exclusions, suspensions and management of ungradeable images* for further guiance. |

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