

Vector

A Complete Solution for Managing Patients with Diabetes



THE CHALLENGE

The world faces a problem with the growing number of people with diabetes, predominantly Type-2 diabetes, with India facing the problem on a massive scale. Current estimates suggest around 60 million people are affected across India and as the population and affluence grows

then this number is likely to increase significantly. Diabetes can be managed with the appropriate interventions, but the consequences of untreated diabetes can lead to the loss of sight, kidney failure and the amputation of limbs.

THE SOLUTION

Managing diabetes through a controlled care programme is one way to prevent its life changing impact. Vector provides a software solution to help both manage the disease

and attack some of the consequences of the disease such as loss of sight which can be prevented through retinopathy screening.

THE OUTCOMES

Whilst the scale of diabetes presents both an immense cost and welfare challenge to populations, the results of concentrated and managed interventions is having a major impact in reducing its effect. Public Health sponsored campaigns in the United Kingdom have focussed on screening all patients affected by diabetes for diabetic retinopathy, which used to be the leading cause of blindness in the adult working age population. The result of targeted screening and treatment follow up programmes has had such a positive impact that diabetic retinopathy is no longer the number one cause of blindness in the UK.

Vector is a highly configurable software suite which includes the following core modules:

- Diabetic retinopathy modules
- Clinicians
- Nurse specialists
- Dieticians
- Podiatrists
- Paediatrics
- Antenatal care
- Reporting
- Correspondence Management
- Automated links to PAS and Labs systems

BENEFITS

- Single patient records across all areas of managing diabetes.
- Multi disciplinary teams can access the records and create a longitudinal detailed healthcare record in a holistic patient centric fashion
- Care plans and drug regimen can be recorded and analyse

SERVICE QUALITY

The service can be delivered to the desktop in the main and the Scottish solution is delivered through a secure cloud data centre.

DATA SECURITY

Vector removes the need for paper based records. Its data security exceeds the rigorous NHS information security standards whilst accounting for the constraints of school settings.

PERFORMANCE MANAGEMENT

Vector provides managers with real time data required to effectively run their screening programmes and clinics. Monthly performance reports provide data on coverage, yield, screen results and outcomes, referral rates and referral outcomes. Vector is an efficient and effective information solution for the entire pathway for managing diabetes.

SERVICE EFFICIENCY

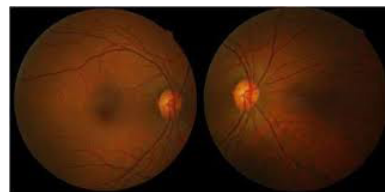
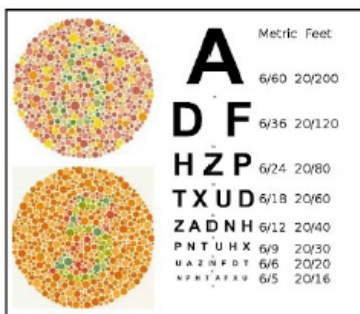
Vector manages patients through clinics, community settings and ensures no re-keying of vital data with integration to labs, cameras and administration systems. Correspondence modules allow all teams to be kept up to date and patients to be re-called.

SERVICE PLANNING

Vector provides commissioners and providers with the information they require to plan screening services in a way that both promotes service equity and targets constrained resources. In addition to high-level service data, information can be broken down to understand variation across demographic groups, geographic regions and service providers.

HOLISTIC SCREENING PATHWAY

Vector not only captures screening results but also the outcomes of subsequent referrals, providing a benchmark for measuring the screens' effectiveness.



For more information on the services NEC Software Solutions offers visit our website necsws.com or get in contact with us at services@necsws.com

