Your content, Your care pathways,
Your business rules & Your clinical expertise

A true medical record for clinicians and patients

Data Entry
Touch, type & dictation

Attach files & scans

INTEGRATION ENGINE

ADMIN   THEATRE   RECORDS   LABS   ARCHIVING   OTHER CLINICALS

THE VITRO APPROACH

Vitro differs from the traditional modular approach of EMRs. Instead pick and choose existing content from your hospital and allow us to create you a bespoke suites of departmental Apps (or custom designed modules).

This approach means you only pay for what you use and it provides you with the flexibility to build your suite, as and when you need to.
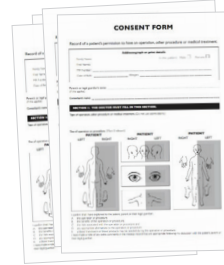
Vitro the clinician's EMR, that is tailored to your existing paper documents and their clinical workflow, it uses your content, your care pathways, your business rules & your clinical expertise.
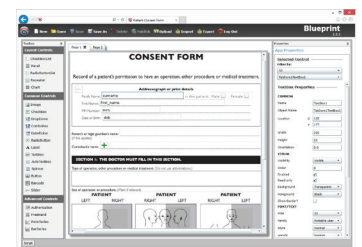
How Vitro Works

Easily create Vitro Apps from paper documents to exactly replicate the look and feel of your existing hospital charts and processes. Simply drag templates (PDF, JPG, MS Word) of your existing documents into Vitro's App creator, Blueprint. Blueprint uses this template as a background graphic that you can drag and drop components onto, such as; text fields, freehand drawing boxes, dropdown boxes, check boxes & image controls. Customise your App further by including scripting that adds intelligence & functionality for care pathways, decision support & automatic calculations etc.

Map data fields from the database of any integrated system in the hospital, so that upon patient selection, data is pre-populated into your activity. Capture patients clinical data in Apps and save them to your patient chartbook, additionally use Vitro to aggregate clinical data from 3rd party vendors creating a **'single source of the truth'** patient chart. Scroll through the patient chart page by page viewing their complete medical record.
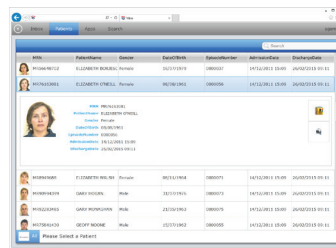
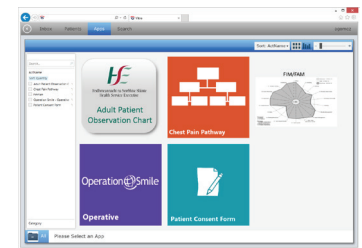**The Paper Document** use your paper documents as App templates

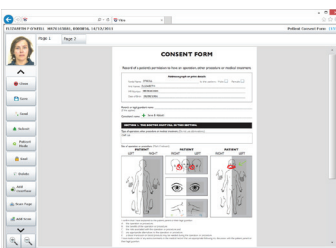**Blueprint** turn your paper documents into Vitro Apps adding controls & scripting

Patient Tab displays patients currently registered at the hospital
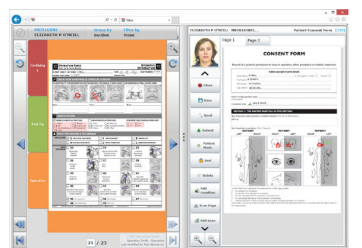

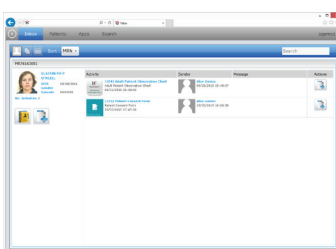**Apps** displays all the published Apps created in Blueprint

App open and capture patient data in any Vitro App, creating a patient activity
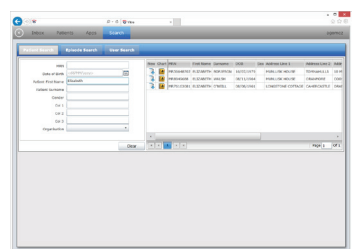

Patient Chartbook saved patient activities are stored in the patient chartbook

Inbox displays your current activities or review activities assigned to you

Search enables you to find any historical patient or activity from any user

RAPID IMPLEMENTATION, IMMEDIATE USER ADOPTION & INSTANT CLINICAL IMPACT

Vitro Features & Functionality

- **Audit Trail** on activities, users and patients

- **Automated Calculations** from data inputted into fields, calculate scores such as BMI's or disease activity levels

- **The Patient Chartbook** is configurable for multiple views such as single page, book style & summary. Filters for sorting and searching are available

- **Clinical Pathways** are created & customised according to your business rules

- **Configurable Apps** which can be saved in multiple states such as; draft, submitted to the charbook & sealed to disallow further editing for general users

- **Data Capture Controls** such as text boxes, auto text boxes, check boxes, radio buttons, date pickers, drop-down boxes, spinner controls, signature authorisation, freehand drawing, image controls, button controls, chart controls, bar-code controls, input by dictation & writing, pin-code verification...

- **Dicom Upload**

- **Digital Stamps** use e-Signatures and user pin verification that stamps the users initials

- **Drawing & Note Taking**

- **Electronic Signatures** by staff and patients using e-signatures pads, mouse, touch devices or pin verification

- **Export to PDF & Print**

- **Favourites Text** save a clinicians or users frequently used text for quick re-use in any App

- **Forced Completion of Data,** use workflow & business rules to increase safety, using alerts & checks to provide warnings when mandatory fields are not completed

- **Freehand Drawing,** drawn on Apps & images using a mouse, pen or touch screen

- **Graphical Interface,** use the same look & feel as existing paper documents, reducing change management and increasing user adoption

- **Graphing** using bars & points with different shapes & colours reflecting your current work practices, include warning alerts when specified thresholds are exceeded

- **Hybrid Capability** to support using paper & electronic in a single record, controlled and synced using barcode technology and check-in, check-out functionality

- **Image/Media Upload** by scanning or using inbuilt cameras or locally saved images

- **User Inbox** displays the current work (activities) in use by you or assigned to you on your personal dashboard

- **Integrated** data & patient demographics from PAS/EMR or any external data sources. Link to internal data sources such as drugs or consultants databases

- **Link Dynamically** to external sources eg: best practice documents, protocols, websites...

- **Multi Device,** touch devices, desktops, laptops and computers on wheels

- **Multi-Lingual/Localisation** available in any language customisable at user, group or organisation level

- **Multi-Site** patients and users can be part of multiple Vitro instances at organisational level

- **Notes** use 'post-it' notes that are user & date stamped

- **Offline Mode** work offline in the community and auto sync data upon re-connection

- **Pan & Zoom** functionality within Apps & the patient chartbook

- **Patient Mode** change to patient mode restricting user access, allowing patient to view information or electronically sign. Pin verification is required re-access full mode

- **Rich Database** stores all patient data in OData form for use in analysis, research etc

- **Scanning** upload scanned documents or integrate with external scanning software

- **Scripting** use custom scripting to configure customised care pathways and business rules in Blueprint

- **Search** to find any historical patient record or individual activity from any user

- **Singleview** integrate hospital systems with Vitro and use it as a single login to view multiple systems

- **Suspended Mode** allows for continued running of Vitro during temporary disconnection from the server

- **Streamlined Navigation,** simple & intuitive navigation throughout Vitro

- **Permissions** assigned per user with the ability to restrict user access or editing rights to specified areas

- **Version History** available at data field level on all Apps

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