OCB0129 Clinical Safety Case Report
Suvera Planner

Suvera

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Document Management

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Reviewers

This document must be reviewed by the following people:

Reviewer name	Title / Responsibility	Date	Version
Clinical Safety Officer	Clinical Safety Officer	31 August 2025	1.0
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Approved by

This document must be approved by the following people:

Name	Title	Date	Version
Clinical Safety Officer	Clinical Safety Officer	31 August 2025	1.0

Related Documentation

These documents provide additional information and are specifically referenced within this document.

Ref	Doc No	Title
1		Suvera Clinical Risk Management System
2		Suvera Clinical Safety Training for Clinical Users
3		Functional and Non-Functional Testing Strategy
4		Clinical Safety Officer Role Profile
5		Clinical Risk Management Procedure
6		Clinical Safety Training Procedure
7		Clinical Product Safety Platform Log
8		Clinical Risk Management Plan
9		Hazard Log Records
10		Incident Management Procedure

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Abbreviations & Definitions

Term	Definition
CSO	Clinical Safety Officer
CTO	Chief Technical Officer
DCB	Data Clearance Board
DPIA	Data Protection Impact Assessment
DPO	Data Protection Officer
GP	General Practitioner
HCP	Healthcare Professional
IG	Information Governance
MHRA	Medicines and Healthcare products Regulatory Agency
NHS	National Health Service
PCN	Primary Care Network
SCCI	Standard Clinical Safety Case Report Interim

Introduction

The purpose of the Clinical Safety Case Report is to provide the structured clinical safety argumentation required by the relevant laws and regulations. The scope of this report is to cover:

- Suvera Planner
- All users associated with the system have been identified
- All clinical functionality within the system has been identified
- All clinical risks associated with the use of the system and on ongoing basis

System Definition / Overview

The Suvera Planner is a software as a medical device that is developed by Suvera to support GP practice staff in managing patient referrals, appointments, and clinical workflows. It integrates with existing GP clinical systems, including Microtest Evolution and EMIS Web, to streamline referral processing and reduce administrative burden. The Planner enables practice teams to view patient activity, track referrals, and manage appointments efficiently, helping to improve patient access and ensure timely follow-up. The Planner includes practice-level tools to view patient activity individually, providing a consolidated overview of referrals, appointments, and clinical actions. It also supports practice-wide oversight through dashboards that highlight trends, outstanding tasks, and performance metrics. Designed to integrate seamlessly with GP clinical systems, the Planner ensures that referral data is accurately captured and updated, minimising duplication and manual effort. It is intended for use by clinical and administrative staff within GP practices and is not designed for use by patients directly. The Planner enables practice teams to view patient activity individually, providing a consolidated overview of referrals, appointments, and clinical actions. It also supports practice-wide oversight through dashboards that highlight trends, outstanding tasks, and performance metrics. Designed to integrate seamlessly with GP clinical systems, the Planner ensures that referral data is accurately captured and updated, minimising duplication and manual effort. It is intended for use by clinical and administrative staff within GP practices and is not designed for use by patients directly.

Aims (Intended Use)

Key clinical benefits

Improved referral tracking and coordination
Reduced administrative burden on practice staff
Enhanced visibility of patient activity and outcomes
Support for timely follow-up and appointment management

Clinical Context

The Suvera Planner is a software as a medical device that is designed to support GP practice staff in managing patient referrals, appointments, and clinical workflows. It integrates with existing GP clinical systems, including Microtest Evolution and EMIS Web, to streamline referral processing and reduce administrative burden.

The intended clinical purpose of the Planner is to enable practice teams to view patient activity individually, providing a consolidated overview of referrals, appointments, and clinical actions. It also supports practice-wide oversight through dashboards that highlight trends, outstanding tasks, and performance metrics.

The Planner is intended for use by clinical and administrative staff within GP practices and is not designed for use by patients directly. It is not intended to provide clinical advice or decision-making, but rather to support the efficient management of referrals and appointments.

The Planner ensures that referral data is accurately captured and updated, minimising duplication and manual effort. It is intended for use in the context of the care of patients registered with the GP practice, and its use is limited to the management of referrals and appointments within the practice.

Users / Scale

- GP
- ANP
- Practice Nurse
- Admin
- Clinical Pharmacist

The system access roles allow the system users to access only the functionality that is relevant to their role. For example, administrative staff will not have access to clinical functionality, and clinical staff will not have access to administrative functionality.

System Functionality Overview

Software Description

Features:

- Referral tracking: Real-time visibility of referral status and key dates, and of referrals requiring action.
- Appointment management: Ability to schedule and track appointments, including those booked externally.
- Task management: Assignment and tracking of clinical and administrative tasks.
- Dashboards: Practice-level and individual views to support operational oversight.
- Integration with GP clinical systems: Seamless data exchange with Microtest Evolution and EMIS Web.
- Secure messaging: Facilitates communication between practice staff.
- Audit trail: Logs all user actions for traceability and governance.
- Role-based access control: Ensures users only see data relevant to their role.

Deployment and Technical Architecture

Features:

- Cloud-based platform: Accessible via secure web browser.
- Integration with GP clinical systems: Microtest Evolution and EMIS Web.
- Data synchronisation: Real-time or near real-time updates.
- Secure messaging: Internal communication between practice staff.
- Audit trail: Logs all user actions for traceability.
- Role-based access control: Ensures users only see data relevant to their role.
- Dashboards: Practice-level and individual views.
- Referral tracking: Real-time visibility of referral status.
- Appointment management: Scheduling and tracking of appointments.
- Task management: Assignment and tracking of clinical and administrative tasks.

System dependencies

Third-party dependencies:

- Microtest Evolution: Integration via secure API or HL7 FHIR. Third party provided by Microtest.
- EMIS Web: Integration via secure API or HL7 FHIR. Third party provided by EMIS Health.
- Cloud hosting provider: Amazon Web Services (AWS) or Microsoft Azure.
- Authentication: Integration with NHS Identity for secure login.
- Monitoring and logging: Application performance monitoring and audit logging.

Clinical Risk Management System

The product and the safety documents created will follow the risk management processes that are detailed in the Suvera Clinical Risk Management System [1].

The Suvera Clinical Risk Management System [1] describes the risk management standard to MHRA DCB 0129 and the risk management process to be followed by Suvera.

The Suvera team are trained in the risk management process and the use of the risk management system. Training records are maintained by the Clinical Safety Officer [2].

The Clinical Safety Officer is responsible for the safety processes within the CTO Office. A copy of the CSO's role profile is maintained by the Clinical Safety Officer [4].

Clinical Risk Evaluation

Severity Definitions

Severity	Description
Catastrophic	Death or permanent life changing incapacity
Major	Major injury leading to long-term incapacity or disability
Moderate	Injury requiring professional intervention
Minor	Injury requiring minimal intervention
Negligible	Minimal injury requiring no intervention or treatment

Likelihood Definitions

Likelihood	Description
Frequent	Likely to occur many times (more than once per month)
Occasional	Likely to occur sometimes (once per month to once per year)
Remote	Unlikely but possible to occur (once per year to once per 5 years)
Improbable	Very unlikely to occur (once per 5 years to once per 10 years)
Incredible	Extremely unlikely to occur (less than once per 10 years)

Risk Matrix

Likelihood \ Severity	Negligible	Minor	Moderate	Major	Catastrophic
Frequent	5	10	15	20	25
Occasional	4	8	12	16	20
Remote	3	6	9	12	15
Improbable	2	4	6	8	10
Incredible	1	2	3	4	5

Risk Acceptability Criteria

Score	Description
1 - 3	Acceptable as is
4 - 6	Tolerable with control measures, ALARP
8 - 9	Undesirable and must be controlled and reduced to ALARP, and accepted by the Clinical Safety Officer
10 - 12	Undesirable and must be controlled and reduced to ALARP, and accepted by the Clinical Safety Officer and Chief Technical Officer
15 - 25	Intolerable risk, must be controlled immediately

Clinical Risk Management Plan

The Clinical Risk Management Plan [8] describes the risk management processes that will be followed for the Suvera Planner.

Clinical Risk Control

Risk Mitigation Actions

Risk Ref	Mitigation	Type	Owner	Status
R-001	Implement role-based access controls to restrict access to sensitive patient data	Preventative	CTO	Open
R-002	Conduct regular audits of user activity logs	Detective	CSO	Open
R-003	Provide clear alerts when data is accessed outside normal patterns	Detective	CTO	Open
R-004	Train staff on data protection policies and procedures	Preventative	CSO	Open
R-005	Implement multi-factor authentication for system access	Preventative	CTO	Open

Residual Risk Evaluation

Following the implementation of mitigations detailed in the Hazard log, the number remaining risks are:

Severity	Number
Catastrophic	0
Major	0
Moderate	0
Minor	0
Negligible	0

Risk Review Process

Risks will be reviewed at each risk review meeting. Three months from the date of release, the Clinical Safety Officer will review the risk management process and the clinical risks associated with the system. The risk review meetings will be recorded in the Clinical Safety Platform Log [7]. The risk review will consider any new hazards or causes for hazards identified in the system, as well as any updates to the severity or likelihood of existing hazards.

Records are continually documented and stored during reviews.

Hazard Log

Test Issues

Bugs/issues found during the course of the Project are recorded in Jira.

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