



Site Safe19 – Use Case Dental Practice

EXECUTIVE SUMMARY

The Safe19 App and system is a completely anonymous automated contact tracing system that reduces absences due to Covid or Flu or other infections and associated costs.

- **Automated contact tracing**
- **Anonymously**
- **Via a Simple App that does not use Bluetooth or GPS location**
- **Contact Tracing Reports**
- **Infection Transmission Reports**
- **App can be branded to any Organisation**

Outbreaks of Infection are tracked on a location by location basis by a simple QR scan.
All those at risk are alerted directly or indirectly via the App.

SYSTEM CAPABILITIES

The Safe19 system is a sophisticated infection tracing that can be configured in multiple ways to permit effective management of any outbreak.

- **Reporting**
- **Risk Messaging and Alerts**
- **Risk Calculations & Conditioning**
- **Intelligent Data Modelling & Forecasting**
- **Security and Fraud Prevention**
- **Hosting and Performance**

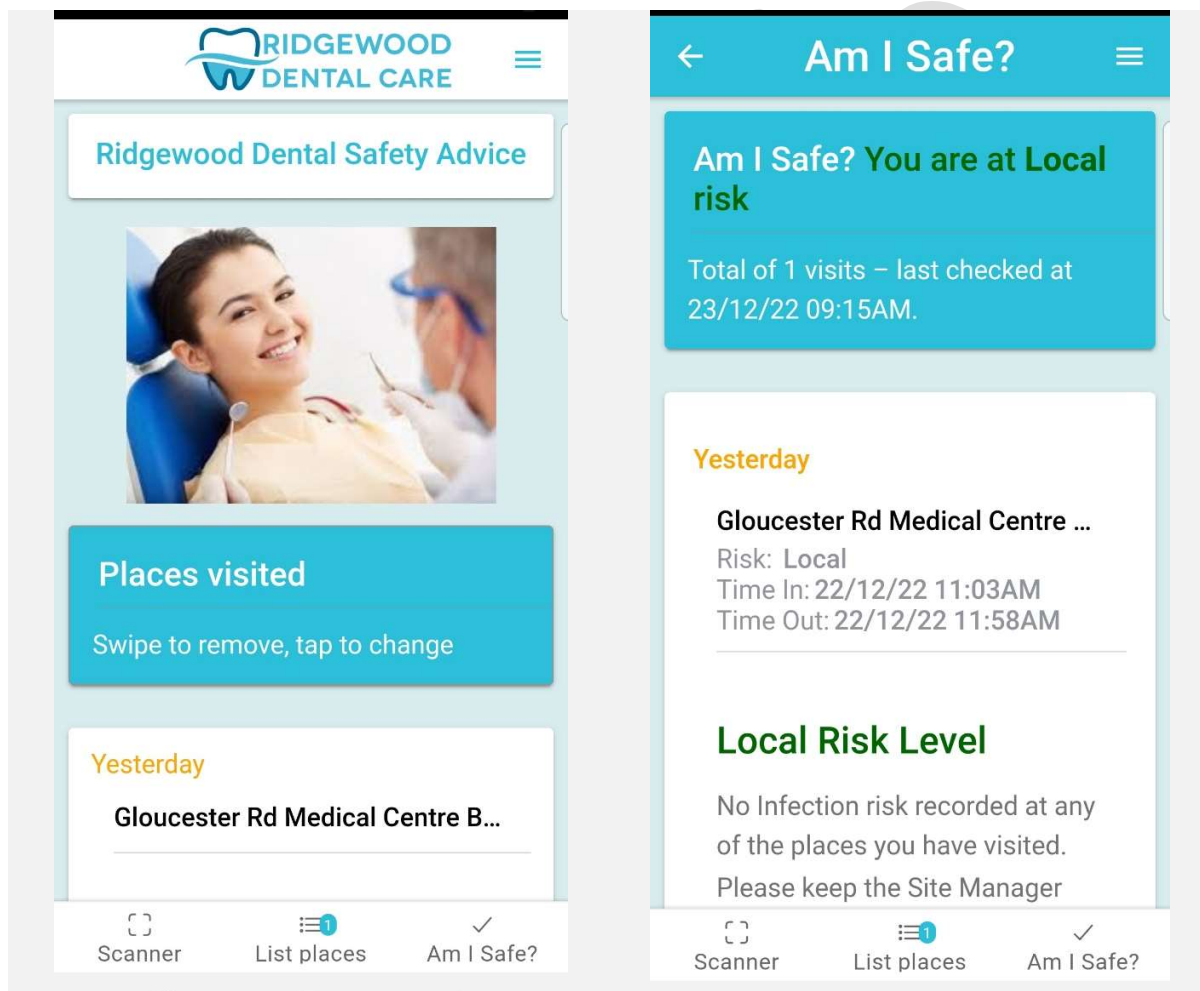
People scan each time they visit a venue. Each visit is simply and anonymously checked for a match, with someone who has visited the same location at the same time and tested positive for Covid-19.

Risk and alerts are configurable for every location allowing employers, hospitals etc. to manage their outbreaks according to their own preferences.

SITE SAFE 19 APP

Simple App Functionality

- 1) The User scans into each venue that they visit.
- 2) Each place visited is checked against a central database of venues with a risk of infection.
- 3) The user is automatically alerted by the App if they are at risk and need to isolate.
- 4) **Bluetooth and GPS / Location are not used**



For Privacy the list of where a person has visited is only kept on their phone. The list of infected locations is built from places visited by those who have tested positive for infection. No personal identifiers are kept with this data.

USE CASE – DENTIST’S SURGERY

One of the Afternoon Reception staff tests positive for Covid, that may have been received from outside of the Surgery. Now it is in the Surgery the need is to trace and alert all those at High Risk ASAP.

- **Positive Case Received in Reception**
- **Reception Area is High Risk**
- **Other Areas may be Lower risk**

To adjust to the business needs and minimise interruption there is also a need not to disrupt by isolating and testing everybody. This is achieved by different levels of alerts and messaging in the App.

ALERTS – RECEPTION STAFF

As the Reception Staff are High Risk, they get a High Risk alert on the App and a message to contact the Practice Manager ASAP (Site Health & Safety Manager).

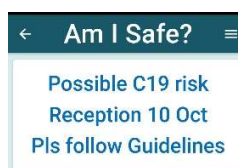
- **Contact ASAP message on App**
- **Alert status - High Risk / Medium Risk**



ALERTS – DENTISTS AND DENTAL NURSES

Dentists and Nurses are a slightly lower Risk group. If they have visited Reception at the risk time, they get a message to show possible risk. The option is selected for the Alert level to remain at “Local”.

- **Possible risk message on the App**
- **Alert status - Local Risk**



ALERTS – CLEANING STAFF

The cleaning staff who come in immediately after the reception staff may have a Low risk of Covid still being present.

- **Contact Supervisor message on App**
- **Alert status - Medium Risk**



COVID REDUCTION MI – DENTIST’S SURGERY

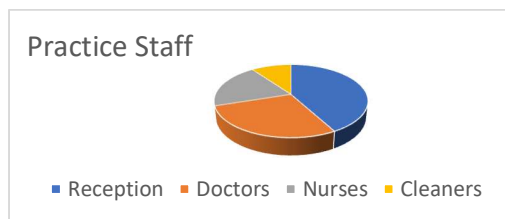
The details of WHO, WHAT, WHEN, WHERE and HOW Covid is affecting the business.

- **Who – types of staff most likely to catch Covid**
- **Where – Areas where Covid is most likely to be found**
- **When – Time Periods when Covid is most likely to occur**

With this information business practices can be adjusted to minimise Covid risk, Absences and Costs.

WHO – E.G. RECEPTION STAFF ARE TOP RISK

Reception Staff are proven to be the High Risk.

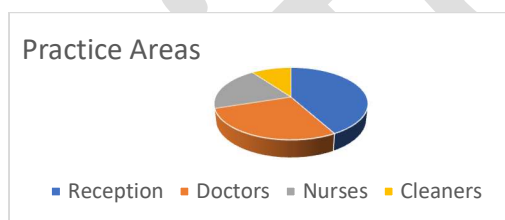


Reduction / Mitigation

- **Greater On-Line Check IN**
- **Comm.s**

WHAT – E.G. COVID, FLU A, FLU B, STREP A

Which diseases are prevalent.

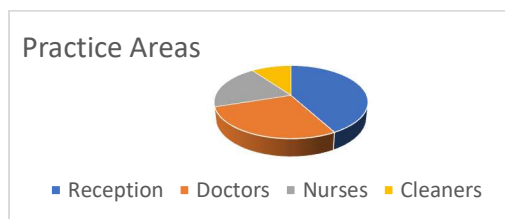


Reduction / Mitigation

- **Greater On-Line Check IN**
- **Comm.s**

WHERE – E.G. RECEPTION

So, Dentists and Nurses PPE protection is OK but more needed at Reception.

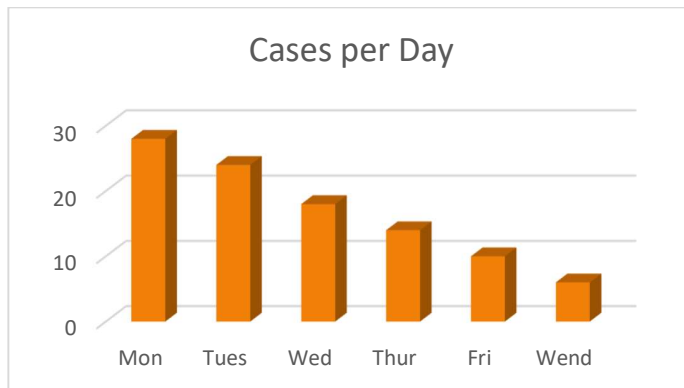


Reduction / Mitigation

- **Greater On-Line Check IN**
- **Comm.s**

WHEN – MONDAY IS HIGHEST

Cases are highest at the start of the week.



Reduction / Mitigation

- **Greater Focus on Mon**
- **Comm.s**

Top 3 transmission routes

HOW – ROUTES

Top 3 transmission routes

Reduction / Mitigation

- **Reception to Surgery 1**
- **Reception to Care Home**
- **Surgery 1 to Dental Hygenist**

HOW – LOCATION DATA WITH DATES AND TIMES

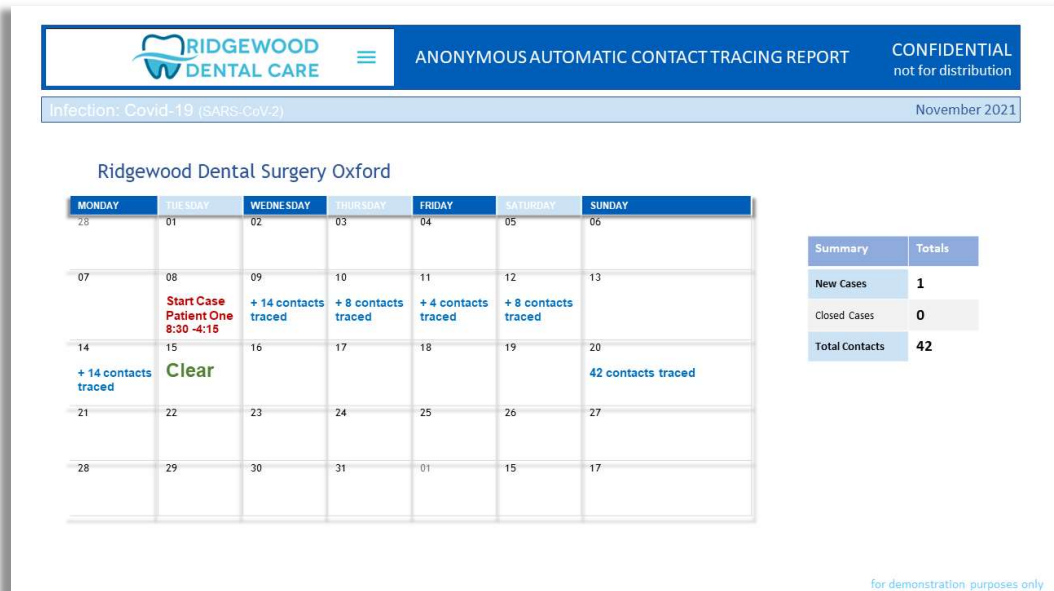
All the underlying risk data of people who have tested positive for Infection. Allows a thorough investigation of working patterns to reduce and mitigate transmission

Location	Day	Times	Av. Time at Risk	No. Cases
Reception	Monday	6:15 to 13:15	480 mins	1 Case
Reception	Tuesday	8:00 14:15	480 mins	2 Cases
				Total 3 Cases
Transmission To				
Surgery 1	Wednesday	8:00 to 08:30	30 mins	1 Case

INFECTION TRACKING REPORTS FOR PUBLIC HEALTH

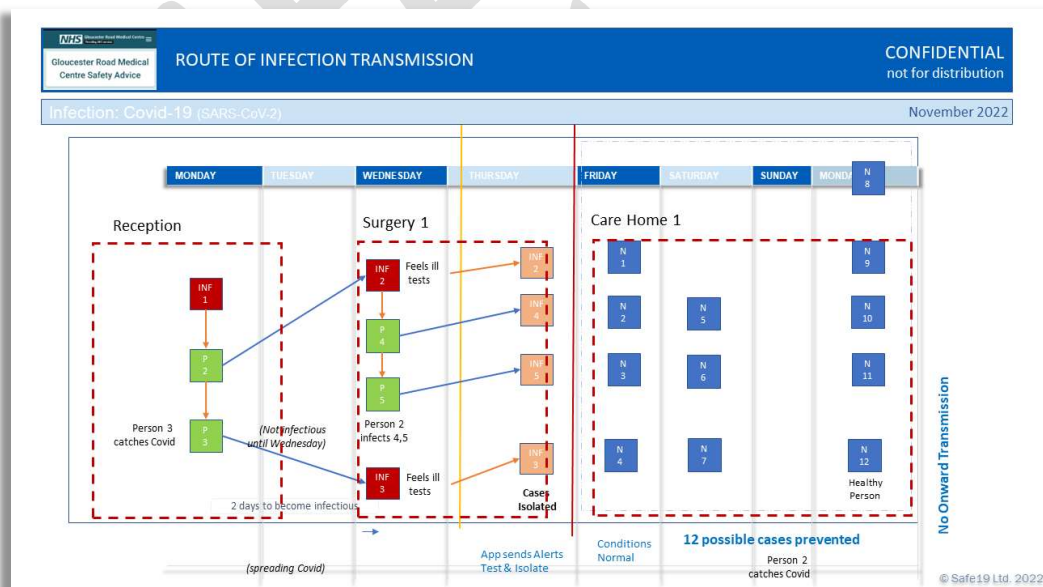
Contact Tracing Reports

Show number of contacts traced daily for each individual site and outbreak.



Infection Transmission Reports

Show route of infection from site to site in the outbreak.



SAFE 19, SITE SAFE 19 APP - GDPR COMPLIANCE STATEMENT INC. THE DATA PROTECTION ACT 2018.



The Data Protection Act 2018 is the UK's implementation of the General Data Protection Regulation (GDPR).

The [Data Protection Act 2018](#) controls how personal data is used by organisations, businesses or the government.

Personal Data includes obvious categories such as full name, home, address, email address, national identification number, passport, number, vehicle registration license number, credit card numbers, date of birth, birthplace, telephone number.

None of these categories of personal data is either read, collected or stored by the Site Safe19 App and Web Server database.

The only data recorded on the Safe19 Web Server database are Apple device UDID values and Android device UUID values. Do UDID and UUID values constitute personal data under GDPR?

Personal data is that which the data controller or another person, with "means reasonably likely to be used," can use that data alone or in combination with other data to identify a natural person? (Chapter 1 - General Provisions - Article 4 - Definitions Recital 26 EU GDPR)

On the Safe19 system there is no other personal information held on the system. It is not possible to identify a natural person using just a UDID or UUID value. If it therefore considered that the Safe 19 system holds no personal data within the meaning of the GDPR.

Therefore, there are no provisions of the Data Protection Act encompassing GDPR that are relevant to the Safe19 system and the Site Safe19 App.

SAFE 19, SITE SAFE 19 APP PRIVACY POLICY

From the start Data Privacy has been a major concern of the App as this is of paramount consideration in getting people to trust and hence utilise the App. The major feature of this has been to design out the need to not store any personal data.

- **No personal or address or financial data is stored**
- **Safe19 Privacy Policy is stated publicly on the web site and is included in Appendix A**

The Safe19 App collects a list of locations that may pose a risk of Covid-19 infection for given date and time. This is collected via the location information from those people who have tested positive for Infection. These are known as HOT locations. No personal identifiers are kept with HOT locations data.