

Risk Treatment Plan – ApexBio

| <u>Risk ID</u> | <u>Risk Description</u> | <u>Risk Owner</u> | <u>Risk Treatment</u> | <u>Likelihood</u> | <u>Impact</u> | <u>Status</u> |
|-----------------------|---|---|---|--------------------------|----------------------|----------------------|
| 1 | ApexBio's employees don't know enough about cybersecurity | CISO (Chief Information Security Officer) | Provide mandatory training on cyber security basics | High | Medium | Open |
| 2 | Risk of data being stolen from the cloud/database. E.g. patient's data | Database Team + CISO | Encrypt data and use multi-factor authentication (MFA) | Medium | High | Open |
| 3 | Weaknesses in cloud security as ApexBio uses AWS or Microsoft Azure | Cloud Security Team | Use cloud security best practices and monitor regularly | Medium | High | Open |
| 4 | Risk of sensitive data such as patient's information being intercepted online | IT Security Team | Encrypt data with SSL/TLS and regularly test for weaknesses | Medium | High | Open |
| 5 | Devices not monitored closely enough | IoT Security Team | Monitor devices, set alerts for issues, and update security patches | Low | Medium | Open |
| 6 | Unauthorised Access to Patient Data | IT Security Team | Implement role-based access control (RBAC) and regular audits of access permissions | Medium | High | Open |
| 7 | Outdated Software Vulnerabilities | IT Department | Regularly update and patch all software, especially medical devices and backend systems | Medium | Medium | Open |

In this risk treatment plan, in the 1st column, I have created the Risk ID, which gives each risk its unique ID. In the next column, I have written down the risk description which describes some of the possible risks that could occur within ApexBio company, I have also used ChatGPT to aid me with the kind of risks that could occur. In the 3rd column I have put the risk owners so the people who would be responsible for the risk treatment. The next column has the type of treatments that can be used to prevent the risks from occurring. The 5th column is the likelihood of the risks, which would show

the chances of the risks occurring. The impact would show how big or little the damage can be. And finally, the status shows if the problem is open or closed where open shows that training has not been completed