**Risk-Beat**

| **Feature / System** | **Riskbeat** | **PREDICT** | **Predictis** | **Acdim** |
| --- | --- | --- | --- | --- |
| **Cardiovascular Prediction** | ✅ | ✅ | ✅ | ✅ |
| **Heart Disease Prediction** | ✅ | ✅ | ✅ | ✅ |
| **Heart Stroke Prediction** | ✅ | ❌ | ❌ | ✅ |
| **Diabetes Prediction** | ✅ | ❌ | ❌ | ✅ |
| **Heart Failure Prediction** | ✅ | ❌ | ❌ | ✅ |
| **Coronary Artery Prediction** | ✅ | ❌ | ❌ | ✅ |
| **Risk Diagnosis Using Chatbot** | ✅ | ❌ | ❌ | ❌ |
| **Lifestyle Assessment** | ✅ | ❌ | ❌ | ❌ |
| **Fitness Tracker** | ✅ | ❌ | ❌ | ❌ |
| **Community Support** | ✅ | ❌ | ❌ | ❌ |
| **Doctor/User/Admin Management** | ✅ | ❌ | ❌ | ❌ |
| **Doctor Appointment Module** | ✅ | ❌ | ❌ | ❌ |
| **Reported Accuracy** | 80%–98% | N/A | 87.5% | 98.37% |

**Software Overview:**

1. **Riskbeat**: Offers a comprehensive suite of features, including various cardiovascular and diabetes predictions, lifestyle assessments, and management modules for healthcare providers and patients. Reported accuracy ranges from 80% to 96%.
2. **PREDICT**: A web-based decision support system for cardiovascular disease (CVD) risk assessment and management, widely adopted in New Zealand and backed by extensive clinical studies. Specific accuracy metrics are not readily available.
3. **Predictis**: A machine-learning-based system designed to predict cardiovascular disease risk levels, with a reported prediction accuracy of 87.5%.
4. **Acdim**: A cardiovascular disease risk prediction model based on TabNet and AdaBoost algorithms, achieving an accuracy of 98.37%. citeturn0search1