**CONCLUSION**

This paper gives us the basic idea of past published paper of detection and diagnosis of liver disease based on different machine learning algorithm. With this survey and study it has clearly find and observed that some machine learning algorithm such as Decision tree, J48 and ANN provide better accuracy on detection and prediction of liver disease. And different algorithm has different performance based on different scenario but most importantly the dataset and feature selection is also very important to get better prediction results. And also the paper presents a survey on different types of machine learning techniques used by different authors and every machine learning techniques has some good and bad outcomes depend on the datasets and features selection etc.