

I think it's quite difficult to provide a very reasonable answer without having more information about the model and the problem. If we think that it would be possible to develop an intrinsically interpretable model that performs as well as the current one in which we get highly accurate results, then I would recommend developing an intrinsically interpretable model since understanding root causes and effective diagnosis on tumors would be highly beneficial for humanity. However, if the model is too complicated and we are not that confident in developing an intrinsically interpretable model. Then I would recommend using tools like LIME to get a sense of models' inner workings. Which then can allow us to build a highly accurate intrinsically interpretable model.