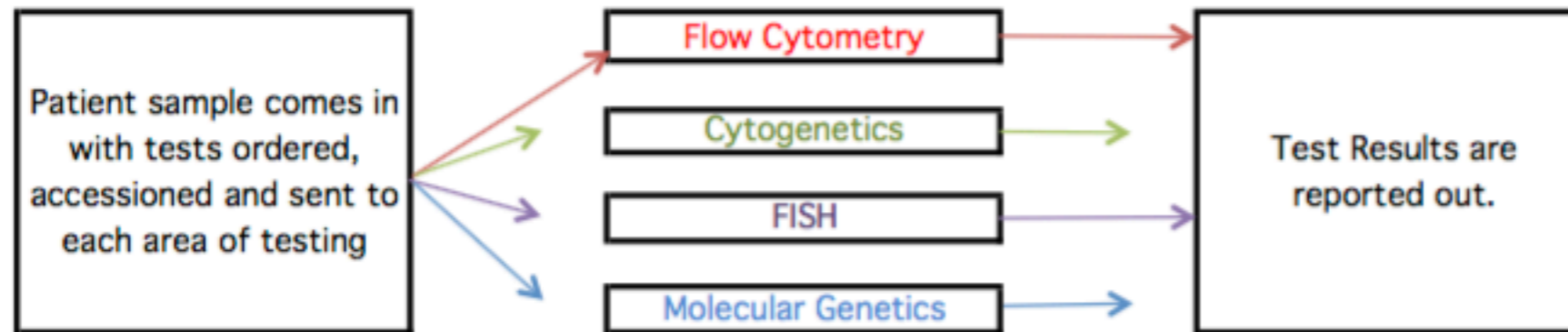


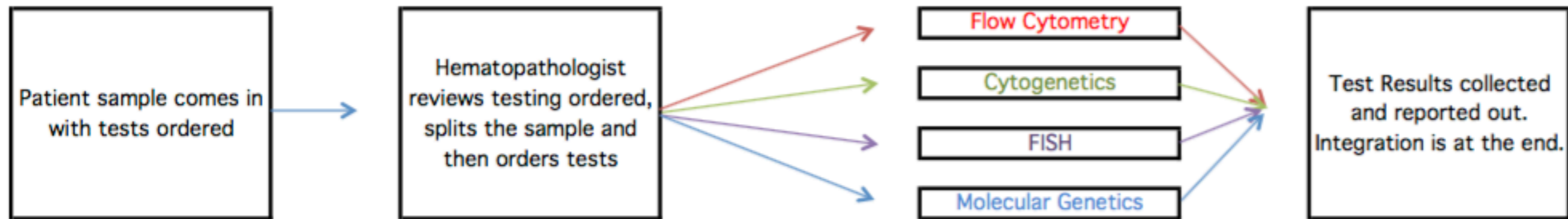
## Integrated Algorithmic Approach

Unlike routine reference laboratories HematoLogics offers a truly integrated approach to testing.

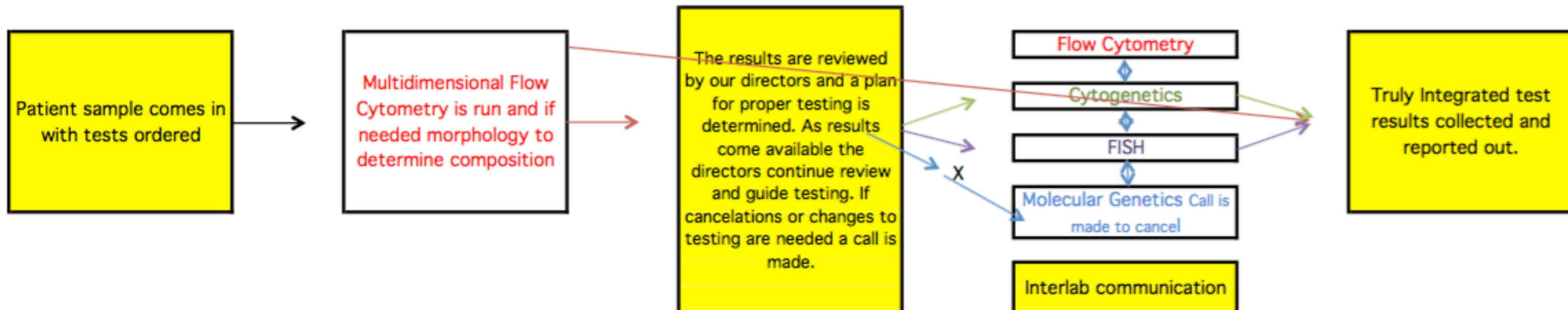
Most reference labs take the sample, split it and send it off to have run what was ordered. Testing may be sent to other locations with no intralaboratory communication. This can lead to inappropriate unnecessary testing.



Others use an hematopathologist to decide what should be run and split samples to each test, again with no intralaboratory communication and some testing possibly sent out. The hematopathologist depends on information from the sending institution without composition of the sample.



At HematoLogics your sample comes in. Multidimensional Flow Cytometry is run, and morphology if appropriate. The directors of the lab then review the results to determine composition of the sample and determine if what is ordered is appropriate. If so the tests continue and if not a call is made to discuss the sample and order the correct tests. We can then decide what is the best way to treat cytogenetic cultures, enhance target populations and handle testing in a logical way. Then a comprehensive report is sent out.



It has been estimated that a significant percentage of all hem FISH testing is unnecessary and by using our algorithmic approach determine composition of the sample by "Difference from Normal" flow cytometry these tests can be avoided saving time and money.