

# Omnia Comprehensive Assessment

## Reflex Algorithm

Most labs rely solely on oncologists' clinical indications to guide testing.

However, in **55%** of cases, the initial clinical suspicion differs from the final diagnosis, elevating the risk of **false negative results**.

### Omnia Solution:



In addition to the clinical suspicion, Omnia's proprietary algorithm considers clinical history and CBC to select the correct path of testing.



Pathologist oversight ensures only medically necessary tests are performed, reducing cost and sample utilization.

## Proprietary Technology

In collaboration with our academic partners, Precipio has developed several cutting-edge technologies to provide unparalleled diagnostic accuracy.

### IV-Cell™

Universal cytogenetic culture media that tests multiple hematopoietic cell lineages simultaneously.

### Rev-CI™

Enables FISH testing on low cellularity samples to deliver conclusive diagnosis and/or prognosis of plasma cell neoplasms and B-cell lymphomas.

### HemeScreen™

Rapid, cost-effective hematologic screening panel utilizing High Resolution Melt technology.

## Sub-specialized Expertise

Precipio has partnered with top academic institutions to deliver highly specialized pathology expertise.



Oncologists receive direct interaction with the pathologist, with access to crucial personal consultative services for all cases.



All case components are handled by the designated pathologist to provide a comprehensive final diagnosis.

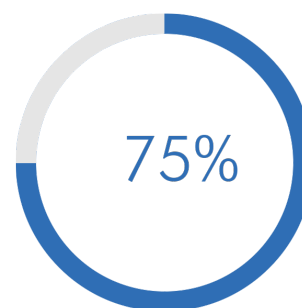


Every case received is assigned to an academic faculty member with relevant sub-specialized expertise.

## High Level of Diagnostic Accuracy

- Since our inception in 2011, we have diagnosed thousands of cancer cases, and have demonstrated a diagnostic accuracy level of **>99%**.
- In **>99%** of cases diagnosed at Precipio by an academic expert pathologist and then reviewed by an outside 2<sup>nd</sup> opinion, Precipio's diagnoses were confirmed.
- In **25%** of second opinion cases received, Precipio overturned the original diagnosis.

### INDUSTRY RESULTS



Correct Diagnosis = 75%  
Misdiagnosis = 25%

### Omnia™



Correct Diagnosis = 99%  
Misdiagnosis < 1%

# Omnia™ for Bone Marrow & Peripheral Blood

Evaluation Of	Indication	Omnia™ for Peripheral Blood	Omnia™ for Bone Marrow
Lymphoid Disorders	B-cell lymphomas, T-cell lymphomas NK-cell lymphomas	✓	✓
Myeloid Disorders	Myelodysplastic syndrome Myeloproliferative neoplasms	✓	✓
Plasma Cell Neoplasms	Multiple Myeloma, MGUS	⊘	✓
Leukemias	Acute leukemias Chronic leukemias	✓	✓
Cytoses	Leukocytosis, Neutrophilic leukocytosis, Lymphocytosis, Thrombocytosis, Erythrocytosis	✓	✓
Cytopenias	Leukopenia, Thrombocytopenia, Pancytopenia, Anemia	✓	✓
Other	Paroxysmal Nocturnal, Hemoglobinuria (PNH), Persistent Anemia, Poor health, Elderly	✓	✓

- Testing is conducted in a stage and reflex approach.
- Morphology and flow cytometry are conducted first; depending on the findings, additional tests are performed as medically indicated.

## Turnaround Time

Testing Of	Peripheral Blood	Bone Marrow	TAT
Morphology	✓	✓	48 hrs.
Flow Cytometry	✓	✓	48 hrs.
Cytogenetics Karyotyping	<i>In cases of leukemia only</i>	✓	4-7 Days *
Cytogenetics FISH	✓	✓	48 hrs.
Molecular	✓	✓	7-10 Business Days
NGS	✓	✓	7-10 Business Days

\*Cytogenetics TAT is dependent on the clinical indication and complexity of abnormalities.

## For Specimen Pickup:

- Call Precipio Customer Service: 203.787.1717
- Email to: [pickup@precipiodx.com](mailto:pickup@precipiodx.com)
- Fax the requisition form to 203.901.1289
- Pickup request through iOS/Android App