

Problem: Existing Media Elevates Risk of False Negatives in Cytogenetics Karyotyping

- ➔ Existing media requires the cytogeneticist to determine which cell lineage will be cultured upon specimen receipt.
- ➔ Cytogeneticist selects cell lineage to culture based only on clinician's clinical indication.
- ➔ In about **20% of cases**, the clinical indication points to the wrong cell lineage, elevating the risk of false negative results.

Solution: IV-Cell™ enables accurate cell lineage selection



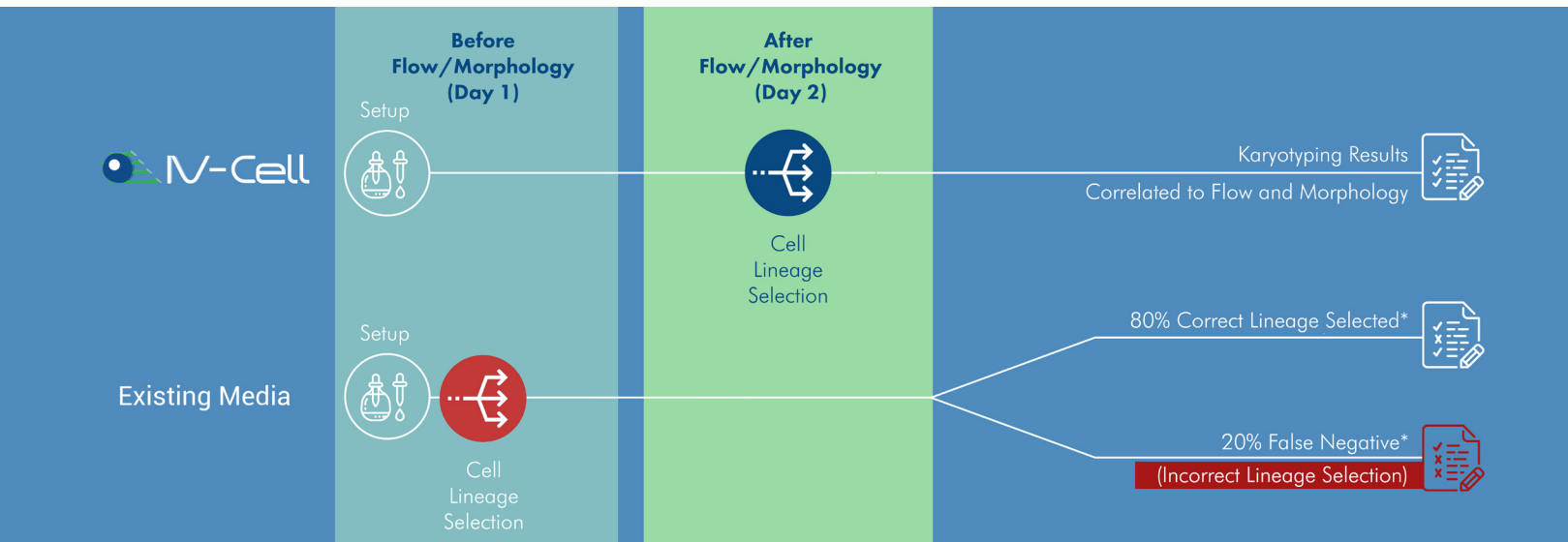
IV-Cell™ universal culture media enables the cytogeneticist to delay the selection of the cell lineage without impacting specimen viability or testing turn-around-time.



The lab can utilize real-time clinical data from flow and/or morphology to correctly select the cell lineage of interest.



The lab can culture the correct cell lineage, resulting in a correlated sample work up and a more accurate diagnosis.



* Internal Precipio Data

Operational Benefits



Reduces time and error:

Eliminates mitogen selection and cocktailing
Compatible with automation systems (e.g. Hanabi™)



Ease of use:

Flexible media quantity (5-10 ml); storage at 4° C;
eliminates need for flasks and CO₂ during incubation



Simplified inventory management & QC tasks:

Replaces 5-6 SKUs with one complete media



Higher Banding Resolution (450-550):

Reduces analysis time, labor, and increases clinical accuracy



Reduced sample required:

0.5 cc of BM/culture assuming a cell count of
between 0-10 x10⁶ cells/ml



Financial Impact:

Lower sample threshold leads to reduced rejected/
compromised rate

For more information please contact:

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