Combining the results from a specimen drawn before 24 hours with the results from a specimen collected after transfusion, provides a **COMPLETE** screen. Although early collection will mean unsatisfactory results for some disorders, other disorders are not affected by collection time. Similarly, some disorders are affected by transfusion and others are not.

**Valid Before 24 hrs** | **Valid Post-transfusion** | **Blood Spot Disorders on Panel**
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✅ | ✗ | Biotinidase deficiency
✅ | ✗ | Cystic fibrosis
✅ | ✗ | Galactosemia
✅ | ✗ | Hemoglobinopathies
✅ | ✗ | Severe combined immunodeficiency
✅ | ✗ | Mucopolysaccharidosis type I
✅ | ✗ | Pompe disease
✅ | ✗ | Spinal muscular atrophy
✅ | ✗ | X-linked adrenoleukodystrophy
✅ | ✗ | Amino acid disorders
✅ | ✗ | Congenital adrenal hyperplasia
✅ | ✗ | Congenital hypothyroidism
✅ | ✗ | Fatty acid oxidation disorders *(acylcarnitine profile)*
✅ | ✗ | Organic acid disorders *(acylcarnitine profile)*