

**MANY ILL NEWBORNS ARE MISDIAGNOSED AS HAVING SEPSIS.**

| <b>Sepsis vs Urea Cycle Disorder</b> |  |  |
|--------------------------------------|--|--|
|                                      | <b>Sepsis</b>  | <b>Urea Cycle Disorders</b>  |
| Risk Factors                         | Apgar <6<br>Prematurity<br>Maternal history of GBS<br>PROM | Inherited<br>OTC-X linked<br>Other forms recessive<br>Healthy baby<br>Normal Apgar<br>No maternal risk factors |
| Onset symptoms                       | <24 hrs. in 85% of cases                                   | Over 24 hours  |
| Platelet count                       | <100,000   | Normal   |
| C-reactive protein                   | Up in first 24 hours                                       | Normal   |
| I/T neutrophil ratio                 | >0.16  | <0.16  |
| Liver enzymes                        | Normal   | Mildly elevated  |
| Blood chemistries                    | NH <sup>+</sup> <sub>4</sub> normal                        | NH <sup>+</sup> <sub>4</sub> >150  |
| Altered consciousness                | Possible   | Likely   |
| CBC                                  | WBC up (>10,000)   | Normal   |