Primary HSV infection

Acquired in first 2 trimesters

Yes

Sequential viral cultures from 32nd week

2 negative cultures and no active lesions

Yes

Vaginal delivery

No

C-section

No

Vaginal delivery in progress

Yes

Maternal and neonatal acyclovir treatment

No

Recommend C-section

Recurrent HSV infection

Genital lesions during first 2 trimesters

Yes

Antiviral treatment in last 4 weeks of pregnancy
Sequential viral cultures on cervical vaginal secretions starting 36th week

Positive cultures

Yes

C-section

No

Active genital lesions

Yes

C-section

No

Vaginal delivery

Note: If there is rupture of membranes for either primary or recurrent HSV and fetal lungs are mature, C-section should occur within 4-6 hours of membrane rupture.

If fetal lungs are immature, no guidelines exist; however, antivirals are recommended until delivery.