

Ultrasound diagnostic criteria for Placenta Accreta

Second trimester-transvaginal ultrasound multiple vascular lacunae within the placenta

Third trimester-multiple criteria

1. Loss of normal hypoechoic retroplacental zone
2. Presence of multiple vascular lacunae within the placenta
(Swiss cheese appearance)
3. Abnormalities of the uterine serosa-bladder interface (interruption of the line, thickening of the line, irregularity of the line, increased vascularity)
4. Extension of the villi into the myometrium, serosa or bladder
5. Retroplacental myometrial thickness of less than 1mm
6. Turbulent blood flow through the lacunae on Doppler ultrasonography
7. Increased subplacental vascularity
8. Vessels bridging from the placenta to the uterine margin
9. Gaps in myometrial blood flow