Clarification Report: Differences Between Early and Late Pregnancy Stages

# Time-Based Transition from Early to Late Pregnancy

The transition from early to late pregnancy generally occurs around the end of the first trimester, specifically between 12 to 14 weeks of gestation:

• Early Pregnancy: 0–13 weeks (first trimester)  
• Late Pregnancy: 13 weeks onwards (second and third trimesters)

This time frame aligns with physiological and anatomical changes, as well as the evolution of diagnostic focus from embryonic development to fetal anatomy and maternal-fetal well-being.

# Key Field Differences

## Early Pregnancy Fields (0–13 Weeks)

Maternal Findings:

* • Decidual reaction  
  • Subchorionic hemorrhage  
  • Uterus  
  • Adnexa  
  • Gestational sac

Fetal Findings:

* • Gestational age by CRL (Crown-Rump Length)  
  • Fetal pole  
  • Yolk sac  
  • CRL measurement

Focus:  
• Confirmation of intrauterine pregnancy  
• Assessment of early structures like the gestational sac and yolk sac  
• Dating the pregnancy using CRL  
• Ruling out ectopic pregnancy and evaluating for early pregnancy complications

## Late Pregnancy Fields (13+ Weeks)

Maternal Findings:

* • Internal os status  
  • Uterine contractions  
  • Adnexal findings

Fetal Biometry:

* • Head circumference, abdominal circumference, femur length, etc.
* Fetal Anatomy:  
  • Structural survey (heart, brain, kidneys, etc.)

Pregnancy Details:

* • Biophysical Profile (BPP)  
  • Fetal presentation (e.g., cephalic, breech)  
  • Fetal lie and position

Placenta & Umbilical Cord:

* • Location and maturity  
  • Cord insertion and vessel assessment

Doppler Studies:

* • Uterine artery  
  • Umbilical artery  
  • Middle cerebral artery (MCA)  
  • Cerebroplacental ratio (CPR)

Focus:  
• Monitoring fetal growth and well-being  
• Structural and anatomical assessment  
• Placental function  
• Preparation for labor and delivery

# Summary Table

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| **Category** | **Early Pregnancy** | **Late Pregnancy** |
| Gestational Age | 0–13 weeks | 14+ weeks |
| Maternal Focus | Decidual reaction, uterus, adnexa | Cervix (os), contractions, placental site |
| Fetal Focus | Yolk sac, CRL, fetal pole | Biometry, anatomy, lie, position |
| Imaging Goals | Confirm pregnancy, viability, early dating | Growth monitoring, anatomy, well-being |
| Vascular Studies | Not typically performed | Umbilical/MCA/uterine artery Dopplers |