Discoidal Meroblastic Cleavage in a Chick Egg

A closer look
(A) Stage X
- Anterior
- Posterior
- Dorsal
- Ventral
- Area pellucida epiblast
- Koller’s sickle
- Hypoblast “islands”
- Posterior marginal zone
- Area opaca endoderm

(B) Stage XII
- Primary hypoblast cells

(C) Stage XIII
- Secondary hypoblast cells
Migration of Endodermal and Mesodermal Cells Through the Primitive Streak

(D) Stage 2
Primitive streak

(E) Stage 3
Epiblast
Hypoblast
Blastocoele
Definitive endoderm
Where have we seen this before?

(A) Transplantation of duck Hensen's node

Duck embryo

Chick embryo

(B) Induced neural tube

Host embryo

(C) 2nd neural tube

2nd head forming

Host head forming

Host neural tube