

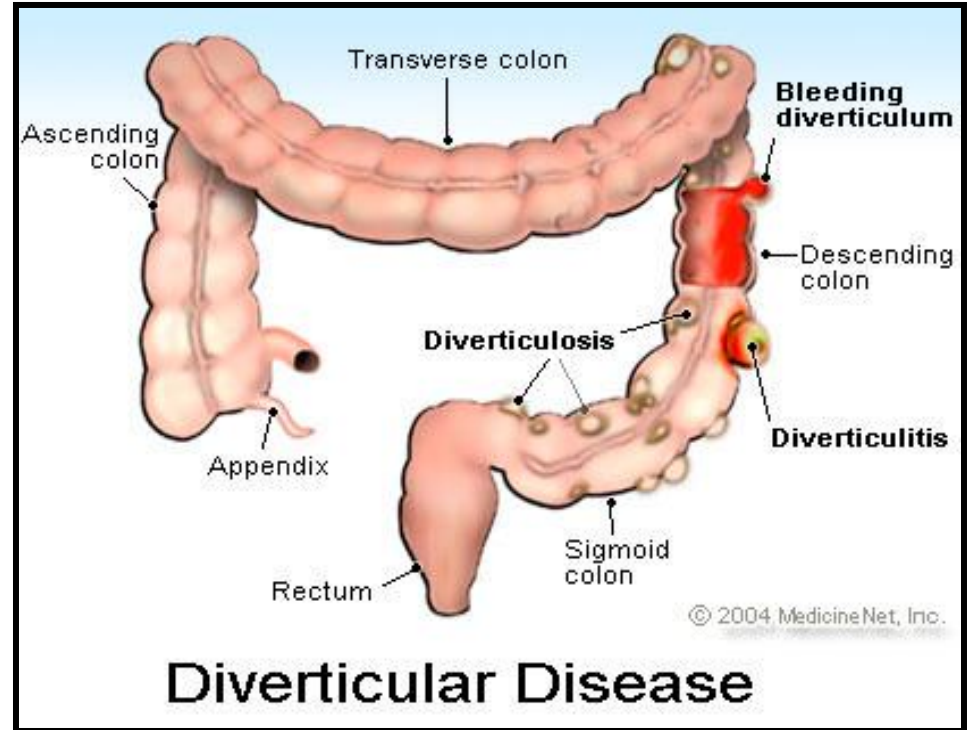
Diverticulosis & Diverticulitis

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Diverticulosis, & Diverticulitis, phenotype

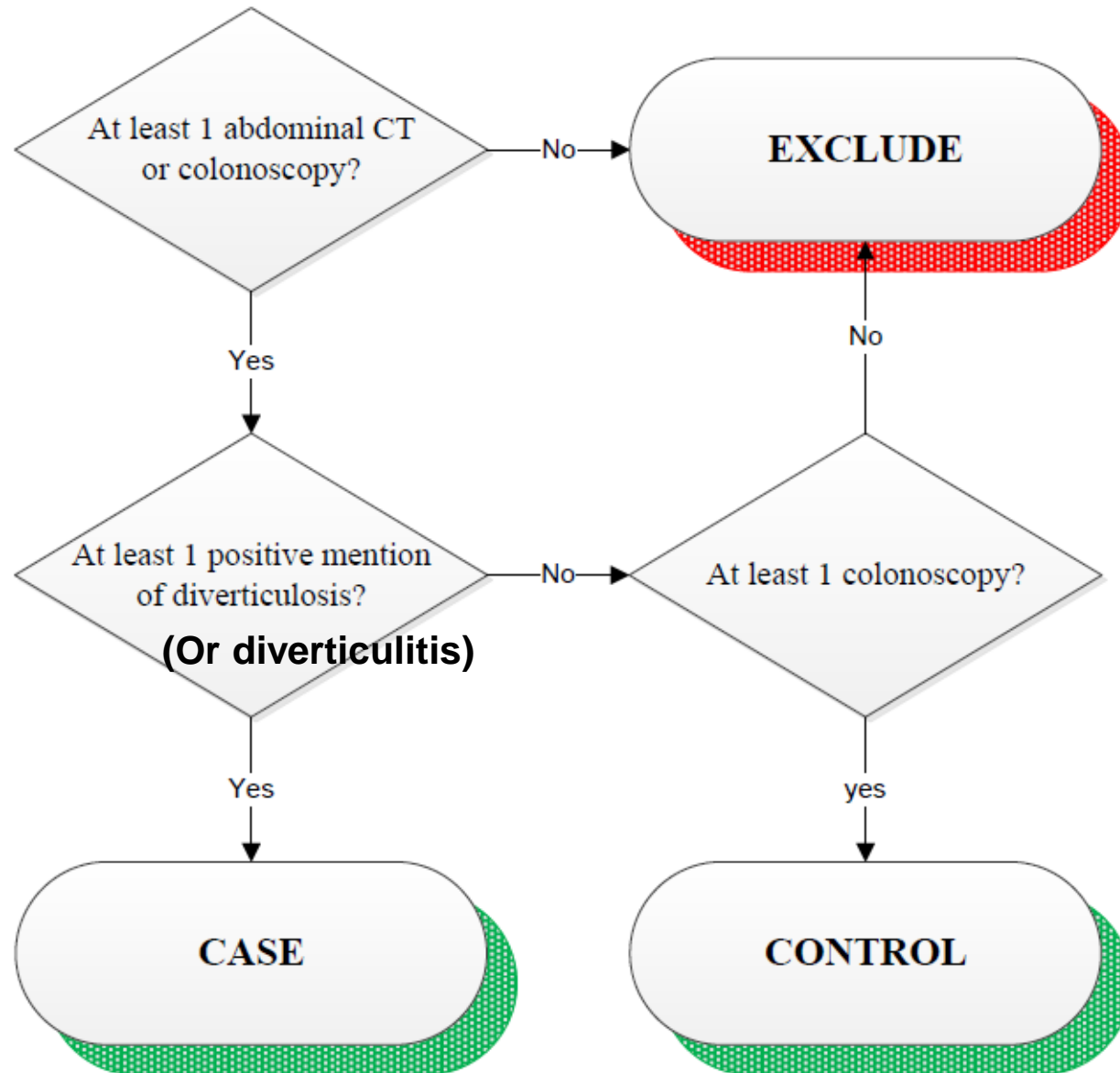
- **Diverticulosis:** in the colon: diverticula, or pouches, form in “ ... the colonic mucosa ...through weaknesses of muscle layers in the colon wall.”
 - & **diverticulitis** is when the diverticula become inflamed causing significant abdominal pain and morbidity



- ~50% of adults >age 60 have diverticulosis

Diverticulosis (& diverticulitis)

observational cohort study



Diverticulosis/-itis analyses

1) main phenotype:

2) sub-phenotype:

- Diverticulosis (incl. Diverticulitis)

vs.

- Controls

- Diverticulosis

vs.

- Diverticulitis

| | <u># of subj.</u> | <u>EA</u> | <u>AA</u> | <u>Total in eMERGE</u> |
|----------|-------------------|-----------|-----------|------------------------|
| | controls | 3824 | 789 | 4613 |
| Cases: { | diverticulosis | 4743 | 525 | 5268 |
| | diverticulitis | 578 | 74 | 652 |