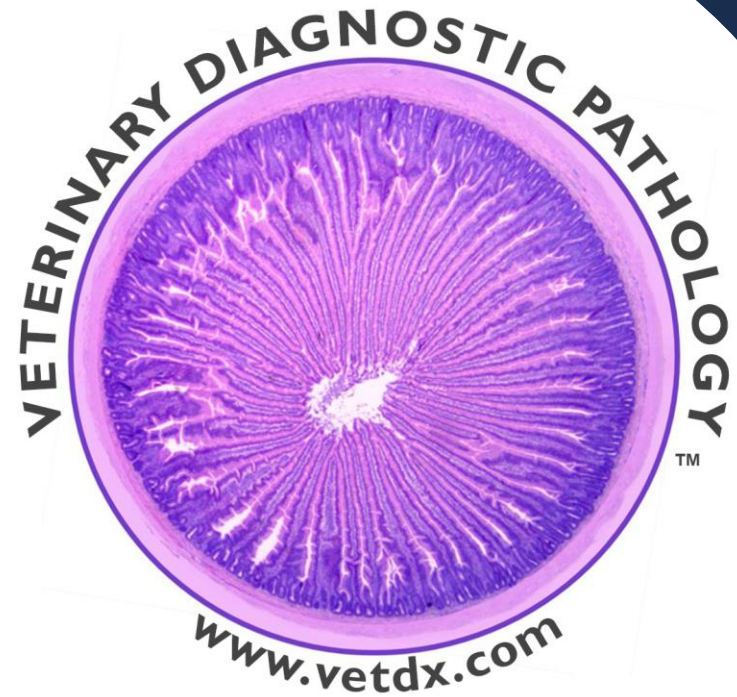


Field Trial & Most Research Gut Collection Instructions for Histopathology

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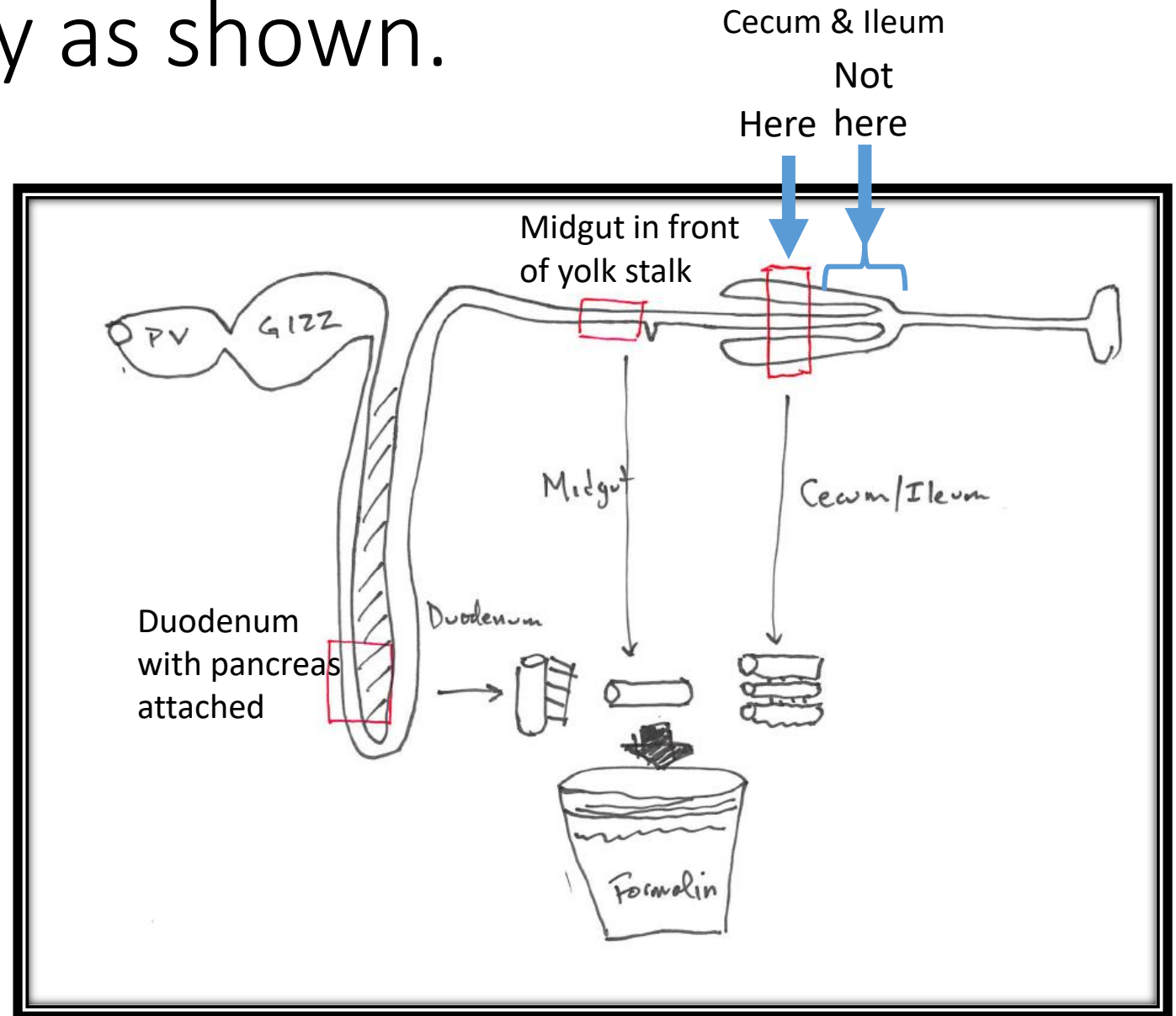


Follow this method for chickens and turkeys!

- Collect gut within 5 minutes of death/euthanasia.
 - Sooner is better. Data is lost every minute that the gut is not in formalin.
 - Collecting gut from birds that are dead for 20 minutes is a **waste of time for lesion scoring.**
- Gut sections are **CLOSED - NOT OPENED**
 - If the gut must be split opened for scrapings, do it at another location
- **DO NOT SQUEEZE OR SCRAPE** the portion of gut for histopathology
- Tissue from 3 to 5 birds can go in one container of formalin
 - When flock collection is complete, close the container and gently shake it to dislodge the gut content and allow the formalin to flow into the gut.

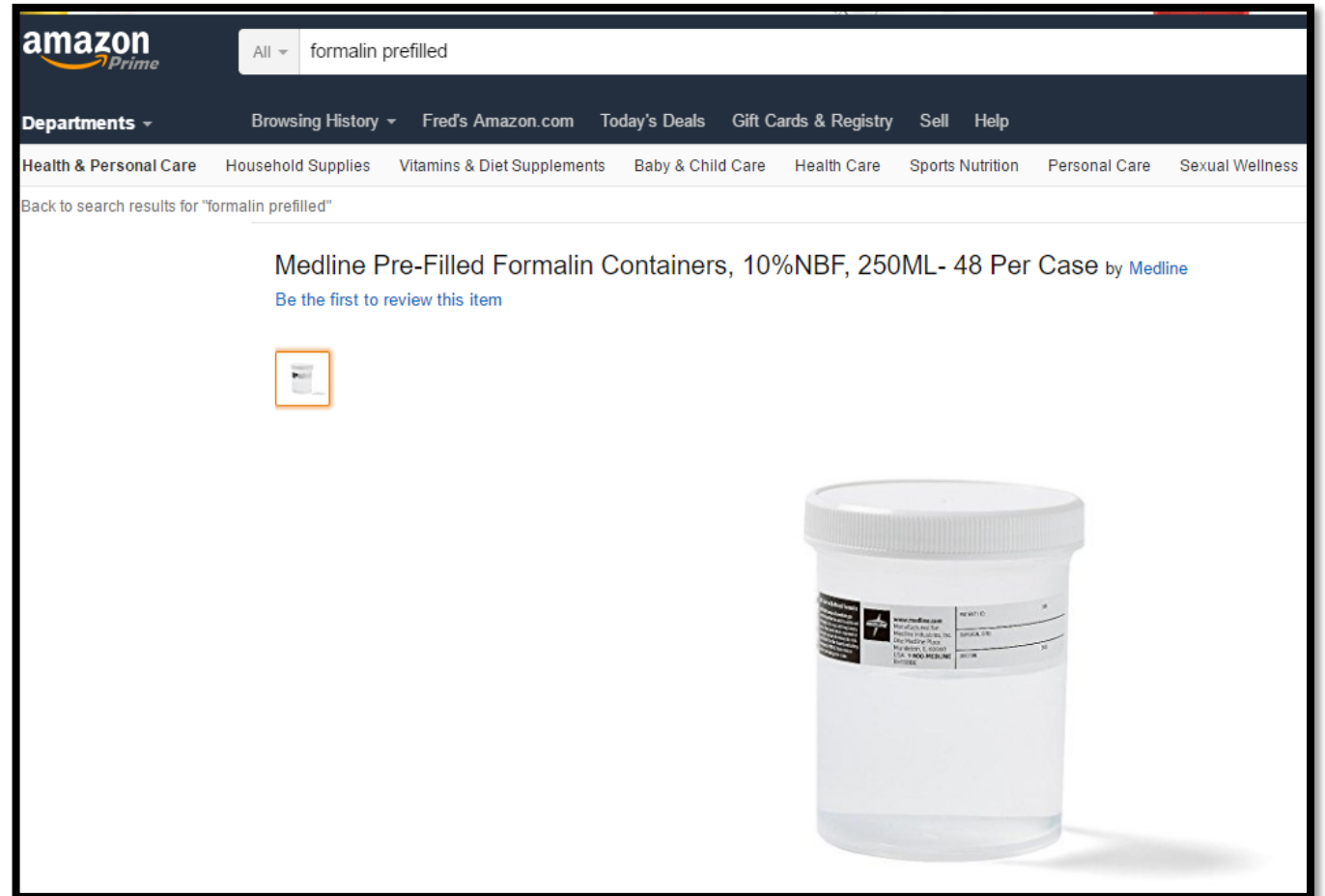
Collect gut exactly as shown.

- Short pieces, 1-inch maximum length
- Collect at the same location on every bird
- 3 to 5 birds per age group or flock
- All tissues from one group can go in one container



Formalin containers are available from Amazon

- **Use 180 to 250 ml containers (with 90 to 125 ml formalin)**
- **Gut from 3-5 birds can go in one container if collected in 1-inch segments.**
- **Use 250 ml for larger turkeys and broilers**
- **Close tightly before shipping.**
- **Optional:** pour off some formalin before shipping, but leave enough to keep the tissue wet.



Packing and Shipping

Packing

1. Formalin containers firmly closed, with several paper towels to absorb any formalin spilled in shipment
2. 2nd container around formalin and paper towel --- Recommend 1 or 2 gallon Zip-Lock bags
3. 3rd level container is a cardboard shipping box

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Register flocks on Aggio Diagnostic Portal

- <https://diagnostics.aggio.io/login>
- Select: VDP lab
- One line/row for each flock
- For assistance: helpdesk@aggio.io
- All results are report through the portal