Proximal colon serrated lesion

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Serrated lesion 1
• **1A:** Flat serrated lesion in the ascending colon with partial mucus cap covering the polyp.

• **1B:** The same lesion seen with Narrow-Band Imaging (NBI). The mucus cap appears pink. The lesion is only partially covered with mucus.

• **1C:** The same lesion after washing off the mucus. Part of the lesion is not seen on the undersurface of a fold.

• **1D:** Another photograph of the same lesion after washing off most of the mucus cap. Note the paucity of blood vessels. There are a few lacy blood vessels in the center of the lesion.
Serrated lesion 2
LEGEND: SERRATED LESION 2

• **2A**: A large sessile serrated lesion in the proximal colon. Note the mucus cap.
• **2B**: Closer photograph of the same serrated lesion with the mucus cap intact.
• **2C**: The same lesion with the mucus cap intact in the upper right portion and removed in the lower portion. Note the paucity of blood vessels on the surface of the lesion.
Serrated lesion 3
LEGEND: SERRATED LESION 3

• 3A: A small serrated proximal colon polyp. The lesion is about 5 mm in maximum diameter.

• 3B: The same lesion seen with Narrow-Band Imaging. There is a pink mucus cap over a portion of the polyp surface.
Serrated lesion 4
LEGEND: SERRATED LESION 4

• **4A:** A large serrated polyp in the proximal colon, partially covered by a mucus cap.

• **4B:** The same lesion seen again in white light from a different angle. There is a submucosal tattoo adjacent to the polyp.
Serrated lesion 5
LEGEND: SERRATED LESION 5

- **5A**: A subtle, indistinct 7 mm serrated lesion in the proximal colon.
- **5B**: The edges of the lesion are more evident when viewed with Narrow-Band Imaging.
Serrated lesion 6
**LEGEND: SERRATED LESION 6**

- **6A:** A flat serrated lesion seen on retroflexion in the ascending colon. Note the endoscope is visible in the upper portion of the endoscopic field. A mucus cap is present on the serrated lesion.
- **6B:** A closer view of the same lesion demonstrates the mucus cap and the flat IIA (Paris Classification) shape.
- **6C:** The same polyp viewed with Narrow-Band Imaging showing the pink and yellow mucus cap on the surface of the lesion.
- **6D:** With most of the mucus washed off, aside from a small amount on the upper right aspect, the flat lesion demonstrates a few lacy blood vessels, and the typical “black dot pattern” is evident particularly in the central portion of the lesion.
Serrated lesion 7
LEGEND: SERRATED LESION 7

• **7A:** Mucus cap on proximal colon serrated lesion.

• **7B:** The lesion seen with Narrow-Band Imaging. The mucus cap is evident in the upper left aspect of the lesion, and a “black dot pattern” is evident in the lower part of the lesion.
Serrated lesion 8
LEGEND: SERRATED LESION 8

• **8A**: Mucus cap on a flat (Paris classification IIA) serrated lesion in the proximal colon.
• **8B**: The same lesion seen with Narrow-Band Imaging, with a portion of the mucus cap removed.
• **8C**: Continued washing of the cap demonstrates a serrated lesion with very poorly defined edges.
Serrated lesion 9
LEGEND: SERRATED LESION 9

- **9A**: Proximal colon serrated lesion with a partly intact mucus cap.
- **9B**: The same lesion seen with Narrow-Band Imaging. There is a small amount of blood on the mucosa from a previous cold polyp resection several centimeters more proximal in the colon. The mucus cap is intact on the left aspect of the polyp, and the right side has been cleared of mucus.
Serrated lesion 10
• **10A**: A small 5 mm serrated lesion in the proximal colon.

• **10B**: The same lesion is seen more closely with Narrow-Band Imaging without surface washing. Note the absence of blood vessels on the surface and the prominent black dot pattern, which is evident even through the mucus in the upper and left-hand aspects of the polyp.

• **10C**: The black dot pattern after most of the mucus has been removed from the polyp surface.
Serrated lesion 11
LEGEND: SERRATED LESION 11

- **11A**: A flat serrated lesion in the proximal colon. There is a mucus cap over a portion of the polyp and some blood visible on the left-hand side of the endoscopic view from a prior cold polyp resection more proximally.

- **11B**: The same lesion is seen with Narrow-Band Imaging. There is mucus cap intact on the left side of the polyp, and on the right side, the mucus has mostly been removed revealing the black dot pattern and absence of blood vessels.
Serrated lesion 12
• **12A:** A sessile serrated lesion in the proximal colon. Note the thin wispy blood vessels coursing across the polyp surface.

• **12B:** The same lesion is seen with Narrow-Band Imaging. The black dot pattern is evident on the right and lacy blood vessels are again seen. The polyp in both views has a fold in the center.
Serrated lesion 13
LEGEND: SERRATED LESION 13

• **13A:** A mucus cap on a 5 mm serrated lesion.
• **13B:** The polyp with the mucus cap largely intact and the black dot pattern evident through the mucus.
Serrated lesion 14
LEGEND: SERRATED LESION 14

• **14A**: Retroflexion in the right colon reveals a broad, very flat mucus cap overlying a serrated lesion.

• **14B**: A closer view of this very flat lesion. This lesion is so flat that it does not fully obscure the underlying vascular pattern of the colon.

• **14C**: After washing the polyp surface, the lesion appears to be almost completely flat.

• **14D**: In Narrow-Band Imaging, the color change produced by the black dot pattern is evident. There is a small amount of blood present on the polyp surface. Note the absence of blood vessels in the lesion.
Serrated lesion 15
LEGEND: SERRATED LESION 15

• **15A**: A 12-13 mm serrated lesion in the proximal colon.

• **15B**: The same lesion seen with Narrow-Band Imaging. The mucus cap appears pink.
Serrrated lesion 16
LEGEND: SERRATED LESION 16

- **16A**: Another 5 mm serrated lesion in the proximal colon, with mucus cap present on the left aspect of the polyp.
- **16B**: The same lesion seen with Narrow-Band Imaging.
Serrated lesion 17
LEGEND: SERRATED LESION 17

• **17A:** A serrated lesion in the proximal colon with minimal mucus cap. The black dot pattern is evident over much of the polyp surface even in white light.

• **17B:** The same lesion seen with Narrow-Band Imaging. The portion of the polyp on the fold exhibits a prominent black dot pattern.
Serrated lesion 18
18A: A white-light view of a flat serrated lesion in the proximal colon. Note the mucus cap.

18B: The same lesion in white light with the mucus cap intact. Note how the underlying colonic vascular pattern is obscured by the polyp.

18C: The same lesion seen with Narrow-Band Imaging with the mucus cap intact.

18D: The lesion seen with white light after endoscopic washing to remove the mucus cap.

18E: The lesion seen with narrow-band imaging, after removal of the covering mucus cap. Note the paucity of blood vessels and the difficulty in demarcating the edges of the polyp once the mucus cap has been removed.