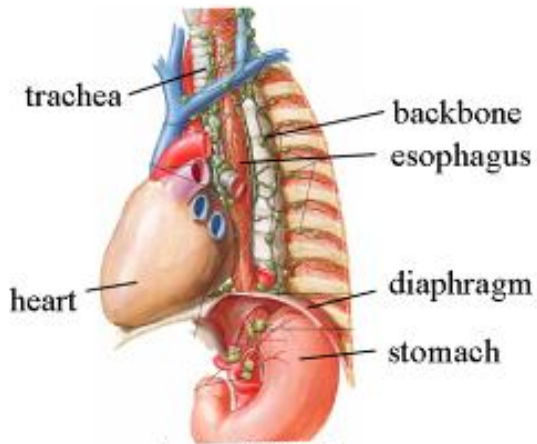
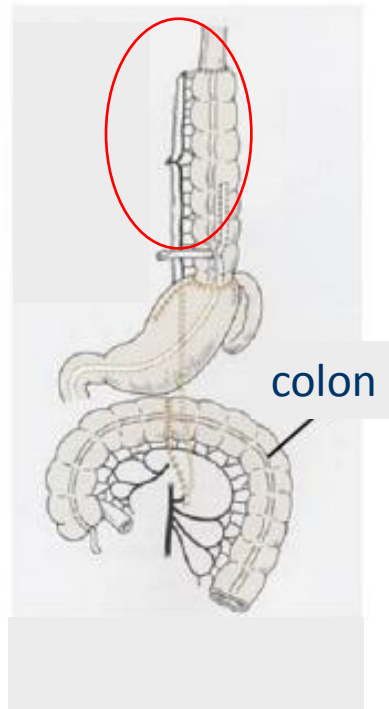


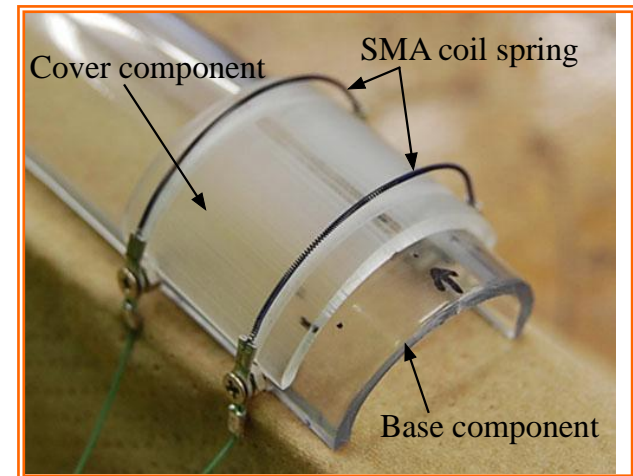
Proposal of the peristalsis mechanism of an artificial esophagus



Esophagus cancer:
4,000,000/yr
(10,000/yr in Japan)



Artificial-esophagus device



Movement of a actual esophagus is simulated using the function of shape memory alloys.