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A Case of Hypertrophic Gastropathy and Early Gastric Cancer Associated with Pachydermoperiostosis

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Pachydermoperiostosis is a rare hereditary syndrome characterized by finger clubbing, periosteal new bone formation of tubular bones, and hypertrophic skin changes (pachydermia). This syndrome is known to be associated with a variety of diseases such as cranial suture defect, female escuchen, bone marrow failure and autonomic nervous system symptoms such as facial flushing and hyperhidrosis. There are just a few reports documenting gastric ulcer, hypertrophic gastropathy and Crohn's disease as associated diseases. A case is herein reported of pachydermoperiostosis accompanied by hypertrophic gastropathy and early gastric cancer. (**Korean J Gastrointest Endosc 2000;20:53 – 57**)

Key Words: Pachydermoperiostosis, Hypertrophic gastropathy, Early gastric cancer

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Figure 1. Gastroscopic findings. **(A)** Showing marked thickening of mucosal folds, edematous and hypertrophic changes of gastric mucosa are seen. **(B)** A round-shaped healing stage ulcer is seen on prepylorus. Histologic findings. **(C)** Showing hypertrophic foveolar and fundic glands occupying more than half of gastric wall. **(D)** A well differentiated neoplastic cells within gastric mucosa without lymphatic permeation or vascular invasion (H&E stain, ×400).

Figure 3. Abdomen CT scan. Hypertrophic changes of gastric mucosal folds are seen. There are no evidence of perigastric fat infiltration and intraabdominal lymph node enlargement.

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