**Supplementary File 1. Diagnostic criteria of Cronkhite-Canada Syndrome adopted in this study.**

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| **Aspects** | **Items** |
| Gastrointestinal symptoms  | Diarrhea, abdominal pain, nausea, vomiting, gastrointestinal bleeding |
| Ectodermal changes  | Alopecia, Onychodystrophy, Hyperpigmentation, Hypogeusia |
| Endoscopic evaluation  | Typical: multiple sessile polyps involving the entire GI tract (usually sparing the esophagus) |
| Atypical: diffuse thickening of the mucosa; cobblestone or nodular mucosa  |
| Histologic findings  | Cystic dilation of mucosal glands, diffuse edema of lamina propria, mononuclear inflammatory cell infiltration |
| Differential diagnosis | Excluding juvenile polyposis, Peutz-Jeghers syndrome, Cowden syndrome, familial adenomatous polyposis, etc. |