

Macroscopic tumour type (Non-core)

According to the Borrmann Classification (Figure 3), the growth patterns of advanced gastric cancer can be classified as polypoid mass (Borrmann type I), ulcerative (Borrmann type II), infiltrative ulcerative (Borrmann type III), or diffuse infiltrative (Borrmann type IV).^{1,2} Borrmann type II is the most common macroscopic type among advanced gastric cancers. Borrmann type IV is associated with a poor prognosis.^{3,4} The Borrmann Classification is based on untreated gastric cancers, and therefore may not be applicable after neoadjuvant treatment. 'Other' can be selected when Borrmann macroscopic tumour type cannot be assigned due to neoadjuvant treatment.

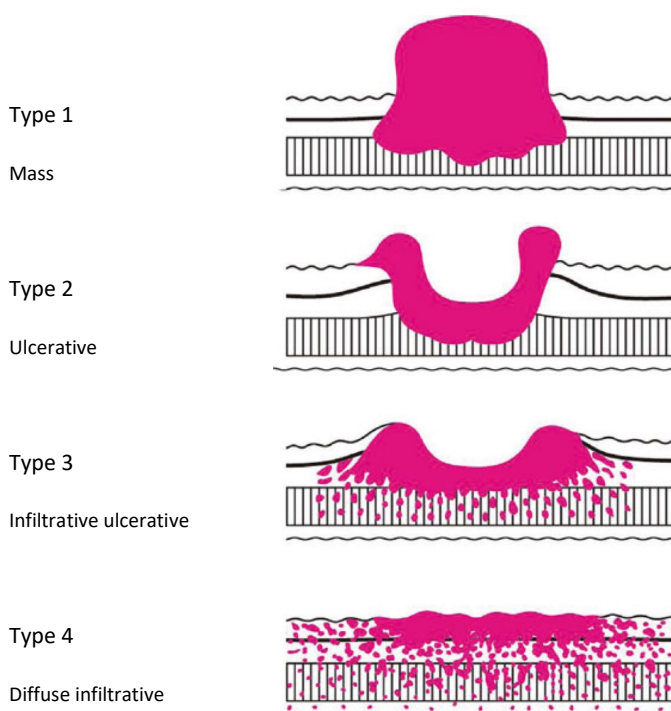


Figure 3: Macroscopic types of advanced gastric cancer. Type 1 (mass): polypoid tumours, sharply demarcated from the surrounding mucosa. Type 2 (ulcerative): ulcerated tumours with raised margins surrounded by a thickened gastric wall with clear margins. Type 3 (infiltrative ulcerative): ulcerated tumours with raised margins, surrounded by a thickened gastric wall without clear margins. Type 4 (diffuse infiltrative): tumours without marked ulceration or raised margins; the gastric wall is thickened and indurated and the margin is unclear. Reproduced with permission from Japanese Gastric Cancer Association, Sano T and Kodera Y (2011). Japanese classification of gastric carcinoma: 3rd English Edition, *Gastric Cancer* 14(2):101-112.⁵

References

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- 3 An JY, Kang TH, Choi MG, Noh JH, Sohn TS and Kim S (2008). Borrmann type IV: an independent prognostic factor for survival in gastric cancer. *J Gastrointest Surg* 12(8):1364-1369.
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