

The past

- * Conventional cytology
by pap,
PAS,
Giemsa,
Immunohistochemistry

The present

- * Detective molecular marker
by CEA,
Trypsinogen-1,
Matrix metalloproteinase-7
(MMP-7)
CK-20
Dopa decarboxylase(DDC)
MAGE

The future

- * Standardization of
diagnostic methods
- * Combination of markers for
improving detection rate
- * Molecular marker for target
therapy

Figure 1. Detection of free cancer cell in peritoneal washes of gastric cancer patients: the past, present and future