

## Staging Classification of Colon Cancer with Peritoneal Dissemination

The following staging system was designed with the intention to classify patients with colon cancer and peritoneal dissemination before they receive any treatments. This staging system incorporates 3 components: A) **Clinical** factors, we believe that the presence of symptoms is a reflection of the aggressiveness of the tumor. B) Peritoneal Cancer Index (**PCI**) by CT scan or during the primary surgery that diagnosed the carcinomatosis. We know that the PCI is a prognostic indicator and has been validated as such. C) **Histology**. We know that when it comes to cancer, biology (how aggressive the tumor is) is the king. These 3 parameters are scored on a 3-point scale according to severity and the final stage is given by the summation of the scores as outlined below.

Clinical	PCI	Histology
No symptoms <b>0</b>	PCI < 10 (Low) <b>1</b>	G1 G2 N- L- V- <b>1</b>
Mild symptoms <b>1</b>	PCI 10-20 (Medium) <b>3</b>	G2 N+ and/or L+ and/or V+ <b>3</b>
Severe symptoms <b>6</b>	PCI > 20 (High) <b>7</b>	G3 Signet Ring <b>9</b>

This scoring system represents an attempt at categorizing patients so the proper treatment can be established and patients are NOT overtreated. It was designed based on a retrospective analysis of 40 patients with colon cancer and peritoneal dissemination treated by our team. It **NEEDS** to be evaluated on a prospective fashion and at the present time we are assigning a Stage to all patients with colon cancer and peritoneal dissemination evaluated at our institution.

Score	Stage	Proposed Treatment
2-3	Stage 1	Upfront HIPEC
4-7	Stage 2	Chemotherapy X 3months then HIPEC
8-10	Stage 3	Treatment under Protocol
>10	Stage 4	Treatments only to relieve symptoms

- The staging should be done at the time of diagnosis of the peritoneal dissemination
- Excludes rectal and appendix cancer
- Excludes distant metastasis

