



NSW
Therapeutic
Advisory
Group Inc.

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Group Discussion: Monoclonal Antibody Administration in Inflammatory Bowel Disease

Date: January 2018

Question:

NSW TAG received an enquiry from a member about various aspects of inflammatory bowel disease management.

NSW TAG and TAGNet members were asked to provide the following information:

1. Does your hospital administer infliximab for severe ulcerative colitis or Crohn's disease outside normal operating hours?
 - a. If so, does your organisation have a protocol, and
 - b. Is an additional staff resource required for performing observations on the patient for the duration of therapy?
2. Is ustekinumab IV administered to inpatients for induction therapy in severe Crohn's at your facility?

Responses:

8 responses were received from: Calvary Mater Newcastle, John Hunter (JHH), Liverpool, Nepean, Port Macquarie and Kempsey, Royal North Shore (RNSH), and Tweed Hospitals and Murrumbidgee (MLHD),.

1. Does your hospital administer infliximab for severe ulcerative colitis or Crohn's disease outside of normal operating hours?
 - No: MLHD
 - Yes: Port Macquarie and Kempsey. Tweed, Nepean (Saturdays), RNSH (occasional Saturdays), Liverpool (occasional Saturdays), JHH (occasional weekends/late afternoons) and Calvary Mater Newcastle.
 - a. If so, does your organisation have a protocol?
 - i. Yes
 - Port Macquarie and Kempsey (guideline provided)
 - Nepean (protocol provided)
 - ii. No
 - RNSH
 - JHH
 - Calvary Mater Newcastle

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- b. Is an additional staff resource required for performing observations on the patient for the duration of therapy?
- i. Yes
 - ii. No
 - Port Macquarie and Kempsey: We run them in the acute care centre so there is a registered nurse on all the time. They often get quite busy and we have been looking at >1 nurse
 - Nepean: no additional, but 2 nurses needed for infusions to be run
 - Liverpool: Ambulatory Care is only by pre-arranged appointment, so patients with worsening disease for more urgent treatment or rescue treatment may have to be admitted for Infliximab. We don't have additional staff resources purely for Infliximab.
2. Is ustekinumab IV administered to inpatients for induction therapy in severe Crohn's at your facility?
- i. Yes: Port Macquarie and Kempsey (guideline provided), Nepean
 - ii. No:
 - Tweed, MLHD
 - Liverpool: We have not used ustekinumab for induction therapy for inpatients, since being available on the PBS. We did while it was available under compassionate access. We do the first infusion of ustekinumab in Ambulatory Care and patients are outpatients. With severe Crohn's at Liverpool for admitted patients, we would probably do infliximab dose escalation as opposed to ustekinumab);
 - RNSH: formulary application submitted but not approved yet ;
 - JHH: ustekinumab was approved in August 2017 for use in Crohn's disease (compassionate supply pending PBS listing) and so far we have only had one patient; and
 - Calvary Mater Newcastle (not yet, but no reason why we would not use it).

Responses received as at 17 January 2018

Please note that all information and policies are only current at the time the response is sent and individual hospitals should be contacted to ascertain current policies and practices. The responses received are only representative of the hospitals participating in the discussion at the time and do not necessarily indicate a complete picture of current practices. Information sharing occurs on the understanding that due acknowledgement will be given to the original source and that the information will not be quoted or used out of the context of the discussion. Permission should be sought from the original source before any policy, protocol or guideline is used or applied in another setting.