Integrated Pre-operative Assessment (IPA) Clinic: an one-stop day surgery service for hysteroscopy

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NO
Ambulatory Surgery Centre
TKOH
So much to do with so little...

We are living in a world with constraints
The reality is...

- Resources/budget constraints
- Too little clinic sessions
- Sessions only limited to morning or early afternoon…
A New Patient Service initiative

The Integrated Assessment Clinic was established On Opening of the ASC
Background of IPA Development

In the past...

- Majority of gyn patients scheduled for operation under GA/MAC need to be admitted the day before operation
- Hospital stay ~2-3 days
The IPA Clinic

- Multi-specialty Collaboration
- Aim to provide an one-stop service to the patient for hysteroscopy through workflow re-engineering
Hysteroscopy – one of the most commonly done procedure in gynaecology

1. Hysteroscope
2. Pubic bone
3. Bladder
4. Uterus
5. Anus
Hysteroscopy - “See and Treat”

- ~1/4 of all women will complain of abnormal uterine bleeding at some time.
- Hysteroscopy is the current gold standard for evaluating intrauterine pathology.

(Bakour S.H. et al 2006)
Why multi-specialty is required?

- Patients for ambulatory hysteroscopies with adverse experiences such as anxiety, pain and dissatisfaction due to poor understanding of their condition had been reported.
  (Gupta J K et al, 2004)
Integrated Pre-operative Assessment (IPA) Clinic

Comprehensive care thro’ multi-specialty collaboration to meet the patient needs:

- **Gynae Assessment**
  Patient assessment and confirm treatment plan

- **Pre-anaesthetic Assessment**
  Make sure patient is fit for surgery

- **Pre-operative Nursing Clinic**
  Pre-op patient teaching & counselling
Anaesthetic & OT Arrangement

- GA/PCB
- Default Pm operation session
- Session could extend to late evening
One-Stop Clinic for Hysteroscopy

Benefits
- Dedicated Clinic
- Prompt diagnosis and treatment
- ↓ number of hospital visits
- ↓ Patient LOS
- ↓ Waiting time
Workflow
First Step...
Admission –
Ambulatory Surgery Centre

Attend IPA in TKOH Ambulatory Surgery Centre
In Patient’s Unit

Patient orientation & nursing assessment
Gynaecological Assessment

The gynaecologist will assess the patient in ASC
Gynae/Ultrasound Exam

We shall consider H&C...

Perform gynae exam & confirm option for OT
Pre-op Patient Education

Provide information for anaesthesia & operation
Pre-anaesthetic Assessment

Anaesthetist perform pre-anaesthetic assessment
Pre-operative Nursing Clinic

ASC nurse provides pre-op education & counseling
Patient Ready for Operation
In the Operating Theatre

An illustration showing the anaesthetist giving PCB
In the Operating Theatre

Operation in progress

The patient is closely monitored
The gynaecologist’s comment

PCB provides a satisfactory operating condition
After Operation
1st Stage Recovery in RR

Patient being observed in the RR after operation
2nd Stage Recovery in ASC
Unhurried and individualized care is provided in ASC
Patient Discharge

You can go home!

The anaesthetist reviews patient’s condition before discharge.
Patient Discharge

Patient discharged home with company of an adult
Review Records on Post-op Patient condition

A total of 32 patient records reviewed.

<table>
<thead>
<tr>
<th>Areas Reviewed</th>
<th>GA</th>
<th>PCB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient no.</td>
<td>9</td>
<td>23</td>
</tr>
<tr>
<td>Pain score (VAS)</td>
<td>0-2</td>
<td>0-3</td>
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<tr>
<td>PONV</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Post-op ambulation</td>
<td>1 hr</td>
<td>1 hr</td>
</tr>
<tr>
<td>Ready for discharge</td>
<td>3 hrs</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>


Conclusion

- One-stop hysteroscopy service
  - ambulatory, rapid-access, see-and-treat
- Provides in the same day.
  - pre-op gynaecological assessment,
  - anaesthetic consultation, nursing education and
  - Hysteroscopy
- Patients benefit from
  - More rapid diagnosis and treatment,
  - Speedier return to normal functioning and work.
- The BDO reduced
- Flexibility in utilization of OR/ASC resources attained
Thank You!

I only need to spend one day in hospital!