

## **RESIDENT GOALS AND OBJECTIVES BY ROTATION U-4**

### **U-4 (PGY-5, 6) GOALS AND OBJECTIVES BY ROTATION**

The following G&O's are representative of the unique experience gained at the individual institutions and represent a subset of the overall G&O's for the U-1 year. Duplication of experience in certain areas is expected and may also be reflected in the G&O's below. The General Urology G&O's and Urologic Education Specific G&O's apply to all rotations and will not be further elaborated upon in this section.

Residents should review these G&O's prior to each rotation. Further they should discuss them with the local site director prior to, during and at the conclusion of the rotation to gain feedback and provide input into any revisions necessary.

### **University Hospital**

The University Hospital is also known as the Bexar County Hospital and as such serves as the main facility for care of the population of the county surrounding San Antonio. It has a level 1 trauma center and accepts a large number of otherwise unfunded or subsidized patients.

### **Urology Clinical Competency Specific goals:**

Improve communication skills to accurately communicate with patients, their families and other health care professionals regarding patient care issues and treatment plans

Improve evaluation, management and clinic procedure skills and efficiency

Develop higher-level independent administrative skills including management of all aspects of the resident team and support personnel for the assigned hospital

Develop an appreciation of the complexity of the specific health care system for the rotation – especially Care-link intricacies.

Develop a thorough understanding of how the urologic care fits into the overall context of the patient's health

Further nurture an attitude of patient advocacy

Further build on skills that prevent and manage post-operative complications

Further build on teaching skills to assist the more junior residents, students and support personnel on the service.

Supervise (with faculty input) the junior residents in minor procedures

### **Objectives:**

Demonstrate functionality in the specifics of scheduling cases, presenting at preoperative conferences, and presentations at M&M conferences

Demonstrate the ability to manage the resident staff in multiple roles and settings including the operating room, hospital ward and outpatient clinics.

Create ACGME compliant call and coverage schedules for the service

Demonstrate *professionalism* through team management to assure timely attendance at conferences, clinics and OR assignments

Demonstrate *leadership* by monitoring the junior residents, students and support personnel with respect to their educational, clinical and personal development

Demonstrate *leadership* by monitoring the team for signs of fatigue

Demonstrate understanding of *systems-based practice* by adjusting team activities to conform to healthcare system policies

Demonstrate an ability to use the health care system in creative ways in order to expedite patient

diagnostics and care as indicated by their clinical needs

Demonstrate a clear understanding of the Care-Link system including the eligibility, process for enrollment and cost containment strategies for the system.

Demonstrate understanding of the bigger clinical picture for each patient through judicious use of consultants and open dialog with the patient's primary care team

**Mechanism of learning:** Reading, mentoring by fellows/faculty, conferences, on rotation experience, rounds with attendings

**Competency:** Professionalism, Patient Care, Medical Knowledge, Interpersonal & Communication skills, Systems-based practice & improvement.

**Documentation:** Global Resident Competency Rating Form, Observed Patient Encounter Rating Form, Peer & staff 360 Degree Rating Form, Patient Evaluations, spot review of clinic notes

### **Emergent, Consultation & Inpatient Care Goals:**

Build on the knowledge base from the U-3 year.

Further develop confidence and leadership skills with the hospital team.

Further build on skills that prevent and manage post-operative complications

Further build on teaching skills to assist the more junior residents, students and support personnel on the service.

Improve communication skills to accurately communicate with patients, their families and other health care professionals regarding patient care issues and treatment plans.

#### **Objectives:**

Demonstrate confidence and successful administration of the hospital team.

Demonstrate leadership by helping the more junior residents develop efficient, accurate and timely evaluation and management plans for patients in the urgent, consultative and inpatient settings

Demonstrate leadership and teaching skills by allowing the more junior residents to begin to function independently while carefully guiding them to ensure patient safety

Demonstrate clinical thoroughness that maximizes preoperative planning and minimizes post-operative complications and less than optimal outcomes

Demonstrate a thorough knowledge of the healthcare system in discharge planning

**Mechanism of learning:** Reading, mentoring by fellows/faculty, conferences, clinical experience, faculty teaching rounds

**Competency:** Medical Knowledge, Patient Care, Interpersonal & Communication skills, Professionalism

**Documentation:** Global Resident Competency Rating Form, Observation on rounds, Peer & Staff 360 Degree Rating Form, Patient evaluations, M&M reports

### **Urology Specific Surgical Skills Goals:**

Develop the atmosphere around the 'operation' that promotes communication among providers with emphasis on patient and staff safety

Improve skill level to allow independent completion of more complex cases in open, laparoscopic and endoscopic surgery.

Develop more efficiency in all types of cases through careful planning, knowledge of operative steps and efficient use of assistants

Use past experience to develop new surgical approaches to urologic problems

#### **Objectives**

Demonstrate mastery of surgical skills including:

- Understanding of anatomy
- Knowledge of indications for surgical intervention
- Benefits and risks of procedures
- Alternative treatments available including non-surgical alternatives
- Facile use of laparoscopic, robotic, open and endoscopic instrumentation
- Accuracy, safety and efficiency in operative performance
- Preparation, patience and attention to detail to minimize complications
- Dealing with unexpected events during surgery

Demonstrate the ability to communicate well with the operative team (anesthesia, nursing, technicians, etc) to maintain an environment conducive to patient safety

Demonstrate the ability to utilize equipment in a safe manner

Demonstrate clear understanding of the operative steps in all previously learned operations and procedures including alternate positioning, incisions, dissection and closures

Demonstrate the ability to handle unexpected problems during surgery including methods of:

- Bleeding control
- Repair of consequential injuries to organs,
- Safely aborting a procedure with appropriate steps taken to allow later completion
- Judicious use of intra-operative consultations
- Other steps as needed

**Mechanism of learning:** Reading, Mentoring by upper level residents/faculty, conferences, OR experience, Skills lab

**Competency:** Patient Care, Medical Knowledge, Interpersonal and Communication Skills, Practice-Based Learning, Surgical skills, Professionalism

**Documentation:** Global Resident Competency Rating Form, Operative evaluation forms, peer and staff 360 rating forms.

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### **VA hospital**

The Audie L. Murphy Memorial VA Hospital is a tertiary referral center for veterans throughout south Texas. Though demographics are changing slowly, the patient population is largely older males from various socioeconomic strata.

### **Urology Clinical Competency Specific goals:**

Improve communication skills to accurately communicate with patients, their families and other health care professionals regarding patient care issues and treatment plans

Improve evaluation, management and clinic procedure skills and efficiency

Develop higher-level independent administrative skills including management of all aspects of the resident team and support personnel for the assigned hospital

Develop an appreciation of the complexity of the specific health care system for the rotation

Develop a thorough understanding of how the urologic care fits into the overall context of the patient's health

Further nurture an attitude of patient advocacy

Further build on skills that prevent and manage post-operative complications

Further build on teaching skills to assist the more junior residents, students and support personnel on the service.

Supervise (with faculty input) the junior residents in minor procedures

**Objectives:**

Demonstrate functionality in the specifics of scheduling cases, presenting at preoperative conferences, and presentations at M&M conferences

Create ACGME compliant call and coverage schedules for the service

Demonstrate *professionalism* through team management to assure timely attendance at conferences, clinics and OR assignments

Demonstrate *leadership* by monitoring the junior residents, students and support personnel with respect to their educational, clinical and personal development

Demonstrate *leadership* by monitoring the team for signs of fatigue

Demonstrate understanding of *systems-based practice* by adjusting team activities to conform to healthcare system policies

Develop an appreciation of the complexity of the specific health care system for the rotation – especially VA HCS intricacies.

Demonstrate an ability to use the health care system in creative ways in order to expedite patient diagnostics and care as indicated by their clinical needs

Demonstrate understanding of the bigger clinical picture for each patient through judicious use of consultants and open dialog with the patient's primary care team

**Mechanism of learning:** Reading, mentoring by fellows/faculty, conferences, on rotation experience, rounds with attendings

**Competency:** Professionalism, Patient Care, Medical Knowledge, Interpersonal & Communication skills, Systems-based practice & improvement.

**Documentation:** Global Resident Competency Rating Form, Observed Patient Encounter Rating Form, Peer & staff 360 Degree Rating Form, Patient Evaluations, spot review of clinic notes

**Emergent, Consultation & Inpatient Care Goals:**

Build on the knowledge base from the U-3 year.

Further develop confidence and leadership skills with the hospital team.

Further build on skills that prevent and manage post-operative complications

Further build on teaching skills to assist the more junior residents, students and support personnel on the service.

Improve communication skills to accurately communicate with patients, their families and other health care professionals regarding patient care issues and treatment plans.

**Objectives:**

Demonstrate confidence and successful administration of the hospital team.

Demonstrate leadership by helping the more junior residents develop efficient, accurate and timely evaluation and management plans for patients in the urgent, consultative and inpatient settings

Demonstrate leadership and teaching skills by allowing the more junior residents to begin to function independently while carefully guiding them to ensure patient safety

Demonstrate clinical thoroughness that maximizes preoperative planning and minimizes post-operative complications and less than optimal outcomes

Demonstrate a thorough knowledge of the healthcare system in discharge planning

**Mechanism of learning:** Reading, mentoring by fellows/faculty, conferences, clinical experience, faculty teaching rounds

**Competency:** Medical Knowledge, Patient Care, Interpersonal & Communication skills, Professionalism

**Documentation:** Global Resident Competency Rating Form, Observation on rounds, Peer & Staff 360 Degree Rating Form, Patient evaluations, M&M reports

**Urology Specific Surgical Skills Goals:**

Develop the atmosphere around the ‘operation’ that promotes communication among providers with emphasis on patient and staff safety

Improve skill level to allow independent completion of more complex cases in open, laparoscopic and endoscopic surgery.

Develop more efficiency in all types of cases through careful planning, knowledge of operative steps and efficient use of assistants

Use past experience to develop new surgical approaches to urologic problems

**Objectives**

Demonstrate mastery of surgical skills including:

- Understanding of anatomy

- Knowledge of indications for surgical intervention

- Benefits and risks of procedures

- Alternative treatments available including non-surgical alternatives

- Facile use of laparoscopic, open and endoscopic instrumentation

- Accuracy, safety and efficiency in operative performance

- Preparation, patience and attention to detail to minimize complications

- Dealing with unexpected events during surgery

Demonstrate the ability to communicate well with the operative team (anesthesia, nursing, technicians, etc) to maintain an environment conducive to patient safety

Demonstrate the ability to utilize equipment in a safe manner

Demonstrate clear understanding of the operative steps in all previously learned operations and procedures including alternate positioning, incisions, dissection and closures

Demonstrate the ability to handle unexpected problems during surgery including methods of:

- Bleeding control

- Repair of consequential injuries to organs,

- Safely aborting a procedure with appropriate steps taken to allow later completion

- Judicious use of intra-operative consultations

- Other steps as needed

**Mechanism of learning:** Reading, Mentoring by upper level residents/faculty, conferences, OR experience, Skills lab

**Competency:** Patient Care, Medical Knowledge, Interpersonal and Communication Skills, Practice-Based Learning, Surgical skills

**Documentation:** Global Resident Competency Rating Form, Operative evaluation forms, peer and staff 360 rating forms.

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**Santa Rosa Medical Center**

Santa Rosa Medical Center facility is the major center for GU oncology and Female Urology for the UT staff physicians. Patient population has mixed socioeconomic strata.

**Urology Clinical Competency Specific goals:**

Improve communication skills to accurately communicate with patients, their families and other health care professionals regarding patient care issues and treatment plans

Improve evaluation, management and clinic procedure skills and efficiency  
Develop higher-level independent administrative skills including management of all aspects of the resident team and support personnel for the assigned hospital  
Develop an appreciation of the complexity of the specific health care system for the rotation  
Develop a thorough understanding of how the urologic care fits into the overall context of the patient's health  
Further nurture an attitude of patient advocacy  
Further build on skills that prevent and manage post-operative complications  
Further build on teaching skills to assist the more junior residents, students and support personnel on the service.  
Supervise (with faculty input) the junior residents in minor procedures

**Objectives:**

Demonstrate functionality in the specifics of scheduling cases, presenting at preoperative conferences, and presentations at M&M conferences  
Create ACGME compliant call and coverage schedules for the service  
Demonstrate *professionalism* through team management to assure timely attendance at conferences, clinics and OR assignments  
Demonstrate *leadership* by monitoring the junior residents, students and support personnel with respect to their educational, clinical and personal development  
Demonstrate *leadership* by monitoring the team for signs of fatigue  
Demonstrate understanding of *systems-based practice* by adjusting team activities to conform to healthcare system policies  
Demonstrate an ability to use the health care system in creative ways in order to expedite patient diagnostics and care as indicated by their clinical needs  
Develop an appreciation of the complexity of the specific health care system for the rotation – especially the management of unfunded patients including Care-link intricacies.  
Demonstrate understanding of the bigger clinical picture for each patient through judicious use of consultants and open dialog with the patient's primary care team

**Mechanism of learning:** Reading, mentoring by fellows/faculty, conferences, on rotation experience, rounds with attendings

**Competency:** Professionalism, Patient Care, Medical Knowledge, Interpersonal & Communication skills, Systems-based practice & improvement.

**Documentation:** Global Resident Competency Rating Form, Observed Patient Encounter Rating Form, Peer & staff 360 Degree Rating Form, Patient Evaluations, spot review of clinic notes

**Emergent, Consultation & Inpatient Care Goals:**

Build on the knowledge base from the U-3 year.  
Further develop confidence and leadership skills with the hospital team.  
Further build on skills that prevent and manage post-operative complications  
Further build on teaching skills to assist the more junior residents, students and support personnel on the service.  
Improve communication skills to accurately communicate with patients, their families and other health care professionals regarding patient care issues and treatment plans.

**Objectives:**

Demonstrate confidence and successful administration of the hospital team.  
Demonstrate leadership by helping the more junior residents develop efficient, accurate and

timely evaluation and management plans for patients in the urgent, consultative and inpatient settings

Demonstrate leadership and teaching skills by allowing the more junior residents to begin to function independently while carefully guiding them to ensure patient safety

Demonstrate clinical thoroughness that maximizes preoperative planning and minimizes post-operative complications and less than optimal outcomes

Demonstrate a thorough knowledge of the healthcare system in discharge planning

**Mechanism of learning:** Reading, mentoring by fellows/faculty, conferences, clinical experience, faculty teaching rounds

**Competency:** Medical Knowledge, Patient Care, Interpersonal & Communication skills, Professionalism

**Documentation:** Global Resident Competency Rating Form, Observation on rounds, Peer & Staff 360 Degree Rating Form, Patient evaluations, M&M reports

### **Urology Specific Surgical Skills Goals:**

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Develop more efficiency in all types of cases through careful planning, knowledge of operative steps and efficient use of assistants.

Use past experience to develop new surgical approaches to urologic problems.

### **Objectives**

Demonstrate mastery of surgical skills including:

- Understanding of anatomy

- Knowledge of indications for surgical intervention

- Benefits and risks of procedures

- Alternative treatments available including non-surgical alternatives

- Facile use of laparoscopic, robotic, open and endoscopic instrumentation

- Laparoscopic and Robotic-assisted laparoscopic port placement

- Intricacies of robotic docking with the patient

- Handling of laparoscopic instrumentation

- Manipulation of robotic assist instrumentation

- Proficiency with camera manipulation, instrumentation changing and troubleshooting the devices

- Accuracy, safety and efficiency in operative performance

- Preparation, patience and attention to detail to minimize complications

- Dealing with unexpected events during surgery

Demonstrate the ability to communicate well with the operative team (anesthesia, nursing, technicians, etc) to maintain an environment conducive to patient safety

Demonstrate the ability to utilize equipment in a safe manner

Demonstrate clear understanding of the operative steps in all previously learned operations and procedures including alternate positioning, incisions, dissection and closures

Demonstrate the ability to handle unexpected problems during surgery including methods of:

- Bleeding control

- Repair of consequential injuries to organs,

Safely aborting a procedure with appropriate steps taken to allow later completion  
Judicious use of intra-operative consultations  
Other steps as needed

**Mechanism of learning:** Reading, Mentoring by upper level residents/faculty, conferences, OR experience, Skills lab

**Competency:** Patient Care, Medical Knowledge, Interpersonal and Communication Skills, Practice-Based Learning, Surgical skills

**Documentation:** Global Resident Competency Rating Form, Operative evaluation forms, peer and staff 360 rating forms

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### **St. Luke's Baptist Medical Center**

St. Luke's Baptist Medical Center (SLBMC) facility is the major center for GU oncology for the UT staff physicians. Patient population has mixed socioeconomic strata. This rotation complements the Santa Rosa Service in that the main focus will be renal and prostate malignancies while the latter service will continue to focus on bladder cancer. Unfortunately, due to administrative decisions by SLB, support for the resident at this location will not be available after 08-15-2015. The resident assigned here will be given other similar responsibilities after that time (See below).

### **Urology Clinical Competency Specific goals:**

Improve communication skills to accurately communicate with patients, their families and other health care professionals regarding patient care issues and treatment plans

Improve evaluation, management and clinic procedure skills and efficiency

Develop higher-level independent administrative skills including management of all aspects of the resident team and support personnel for the assigned hospital

Develop an appreciation of the complexity of the specific health care system for the rotation

Develop a thorough understanding of how the urologic care fits into the overall context of the patient's health

Further nurture an attitude of patient advocacy

Further build on skills that prevent and manage post-operative complications

Further build on teaching skills to assist the more junior residents, students and support personnel on the service.

Supervise (with faculty input) the junior residents in minor procedures

### **Objectives:**

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Demonstrate *leadership* by monitoring the team for signs of fatigue

Demonstrate understanding of *systems-based practice* by adjusting team activities to conform to healthcare system policies

Demonstrate an ability to use the health care system in creative ways in order to expedite patient

diagnostics and care as indicated by their clinical needs

Develop an appreciation of the complexity of the specific health care system for the rotation – especially the management of unfunded patients including Care-link intricacies.

Demonstrate understanding of the bigger clinical picture for each patient through judicious use of consultants and open dialog with the patient's primary care team

**Mechanism of learning:** Reading, mentoring by fellows/faculty, conferences, on rotation experience, rounds with attendings

**Competency:** Professionalism, Patient Care, Medical Knowledge, Interpersonal & Communication skills, Systems-based practice & improvement.

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### **Emergent, Consultation & Inpatient Care Goals:**

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Further build on skills that prevent and manage post-operative complications

Further build on teaching skills to assist the more junior residents, students and support personnel on the service.

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#### **Objectives:**

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- Alternative treatments available including non-surgical alternatives
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- Laparoscopic and Robotic-assisted laparoscopic port placement
- Intricacies of robotic docking with the patient
- Handling of laparoscopic instrumentation
- Manipulation of robotic assist instrumentation
- Proficiency with camera manipulation, instrumentation changing and troubleshooting the devices
- Accuracy, safety and efficiency in operative performance
- Preparation, patience and attention to detail to minimize complications
- Dealing with unexpected events during surgery

Demonstrate the ability to communicate well with the operative team (anesthesia, nursing, technicians, etc) to maintain an environment conducive to patient safety

Demonstrate the ability to utilize equipment in a safe manner

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### **Administrative Chief**

The U-4 on this service will be designated as administrative chief and stationed for most clinical activity at the VA facility. He/she will have administrative duties and cover the vacations and other leave of the senior residents (U-3, U-4) throughout the year. This will allow the residents to take advantage of all index cases that would otherwise go uncovered at the various services. Residents in this rotation are encouraged to complete Research, QI and other projects as well as to complete submission of abstracts and papers started in prior years. Since these residents will be functioning as senior level residents in clinic and the operating room, the Goals & Objectives for this rotation are the same as those for the other U-4 rotations. Additionally, this resident will assume responsibility for MS-3 and MS-4 educational activities throughout the year including helping the students through the AUA medical student curriculum.