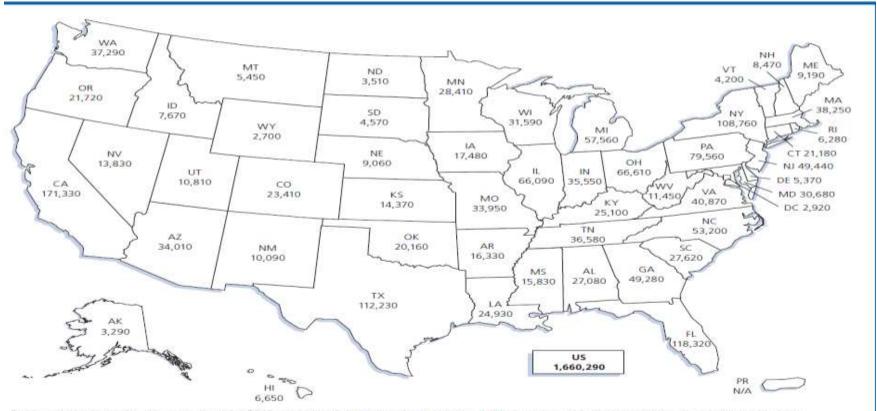
### Role of PCP During Patient's Active Treatment for Cancer

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## Cancer Facts 2013 & Figures 2013



Estimated numbers of new cancer cases for 2013, excluding basal cell and squamous cell skin cancers and in situ carcinomas except urinary bladder.

Note: State estimates are offered as a rough guide and should be interpreted with caution. State estimates may not add to US total due to rounding.

#### **Cancer Facts**

- ~ 1,660,290 new cancer cases expected to be diagnosed in 2013
- ~ 580,350 Americans will die of cancer in 2013 (1600/day)
- 2 of 3 people diagnosed with cancer today survive at least 5 years
- Cancer is commonly a disease after the age of 60 years

www.cancer.org

# Internal Medicine Issues During Patient's Active Treatment for Cancer

- Pre-existing comorbidities (HTN, DM, CAD, etc.)
- Necessary adjustments of medications for comorbidities (weight loss leading to reduction or elimination of antihypertensives or diabetic medications)
- Diagnosis of new comorbidity

# Internal Medicine Issues During Patient's Active Cancer Treatment (cont'd)

- Medical issues related to cancer (pericardial effusion 2° malignancy leading to pericardial tamponade)
- Medical issues related to treatment (steroid induced DM)

### The Importance of the PCP During Cancer Treatment

- Established relationship with patient (may have diagnosed malignancy)
- Additional patient and family support
- Continued management of existing comorbidities
- Help with medical issues related to cancer or cancer treatment (depends upon level of comfort, location of treatment site, oncology collaboration)

### Types of Management of Cancer Patients During Active Treatment

Co-management of Medical Issues

Oncologist Managing all Medical Issues

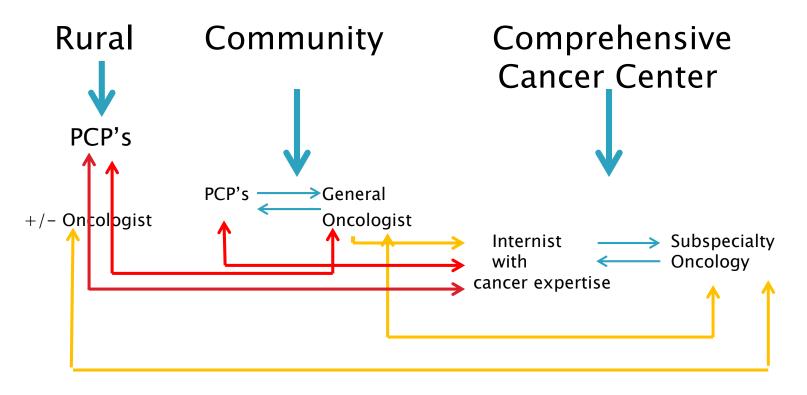
PCP Concologist

PCP → Oncologist

Independent Management

PCP Oncologist

### Care Sites and Referral Practices for Cancer Patients



#### Patient Options During Cancer Treatment

- Have all treatments near home
- Have treatments both at home and away from home (shared/collaborative)
- Have all treatments at distant site (comprehensive cancer center)

#### Case 1

Ms. A is a 55 year old lady diagnosed with Tic N, Mo (L) breast cancer. She self-palpated a breast mass and saw her PCP who arranged for a biopsy and referral to MD Anderson Cancer Center. She lives ~ 150 miles from the center and has DM, HTN, hyperlipidemia. Underwent (L) mastectomy and axillary node dissection

#### Case 1 (cont'd)

She had adjuvant chemotherapy, followed by radiation and 1 full year of Herceptin.

- Has local PCP managing comorbidities
- During treatment phase, medical issues comanaged with MDACC IM and PCP
- With comorbidities and radiation to (L) chest, at risk for CAD. Needs close f/u for these symptoms and careful management of risk factors

#### Case 2

65 year old man with castration resistant prostate cancer with bone metastases Received numerous regimens and palliative radiation. Developed PE while on treatment Lives close to cancer center

#### Case 2 (cont'd)

- Managed by IM at MDACC (lives locally)
- Has HTN, hyperlipidemia, obesity
- On LMWH for PE
- Continues on active cancer treatment

### Success of Medical Care of Patient During Active Treatment



#### **Challenges During Cancer Treatment**

- Distance from PCP
- PCP uncomfortable or unfamiliar with medical issues for independent/co-management during cancer treatment
- Patients want all treatment from cancer center or oncologist (safety net)
- Multiple hand offs between providers as patients move between locations/providers for treatment

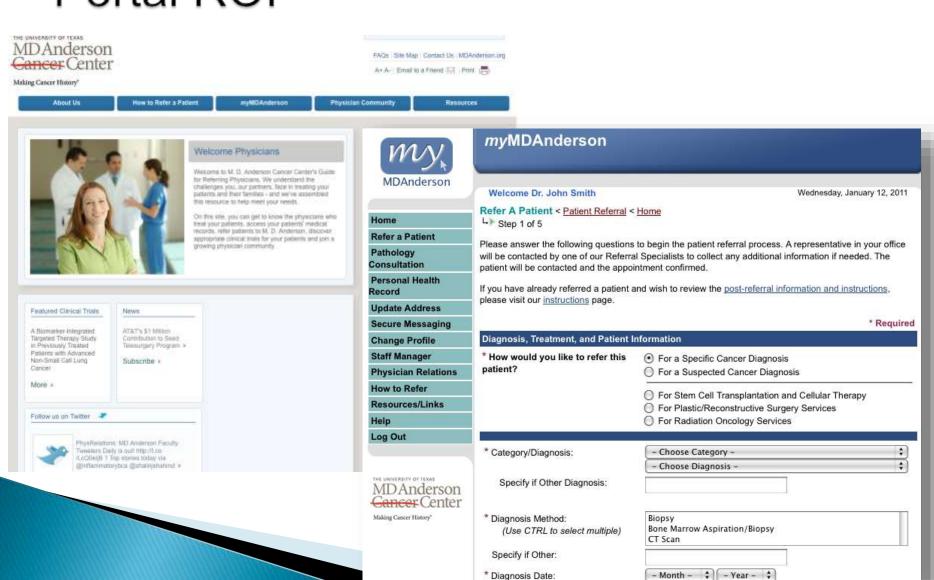
#### How to Overcome Challenges

- Education of healthcare providers unfamiliar with IM issues due to cancer or cancer treatment
- Telemedicine especially for rural areas
- Communication imperative between providers (verbal, written, access to records, formal or informal meetings)

### How to Overcome Challenges (cont'd)

 Education of patients and families (signs and symptoms to report, symposiums, webinars, websites, support groups)

### Physician Microsite Drives Physician Portal ROI



#### Opportunities for Success ——>GOAL

- Allow patients to receive "state of art" oncology care wherever located
- Patients may participate in "cutting edge" clinical research
- Better educate our patients, families, healthcare providers, and healthcare trainees on IM issues in active cancer patients
- Support for patients and families so they are comfortable and confident in all healthcare providers