Emerging Role of Telehealth in Remote Lung Cancer Care

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• The views expressed in this presentation are my own and do not represent those of the Durham VA medical center or the Veterans Health Administration and are not meant to represent official views on the subject content.

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Types of Telemedicine Interactions Currently Available

DIRECT PROVIDER AND PATIENT VIA PHONE OR VIDEO
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EDUCATION VIA WEB OR APP
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- Direct provider and patient via phone or video
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- Collection of PGHD with transmission to EMR and provider alert
Example Data Workflow

Genes et al. Digital Medicine 2018;23:1-6
Current Evidence – Telehealth in Cancer Care

- Randomized Telehealth Data Supports:

  - Improvements in pain and depression\(^1,2\)
  - Improved symptoms of fatigue \(^2,3\)
  - Improved tolerance of chemotherapy\(^4\)
  - Improved health-related quality of life\(^5\)

\(^{1}\) Kroenke et al. JAMA 2010;304:163-71.
\(^{2}\) Willems et al. J Cancer Surviv 2017;11:691-703
\(^{5}\) Basch et al. J Clin Onc 2016;34:557-65
Durham VA Lung Cancer Survivorship Program

- Telehealth Based Model
- Home based pulmonary rehabilitation program
- Smoking cessation
- Flexible mental health interventions
- Initial and final face to face visit
- 12 weekly interviews via telephone or video tablet
Frailty Assessment

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