

Imaging Features, and Correlations with Genomic and Clinical Data from the TCGA Ovarian Radiology Research Group






Description

This study was a multi-reader, multi-institutional, IRB-approved retrospective analysis of 93 HGSOC patients with abdominal and pelvic CT scans prior to primary debulking that were available through The Cancer Imaging Archive (TCIA). Eight radiologists from The Cancer Genome Atlas-Ovarian Cancer (TCGA-OV) Imaging Research Group developed and subsequently independently recorded the following CT features in each patient: primary ovarian mass (es) characteristics (if present), presence and distribution of peritoneal tumor spread, lymphadenopathy, and distant metastases. Inter-observer agreement for the CT features was assessed, as were associations of these features with time-to-disease progression (TTP) and CLOVAR subtypes and abilities of combinations of these features to predict TTP and CLOVAR subtypes. Results of analyzing this data are published in a manuscript titled **Radiogenomics of High-Grade Serous Ovarian Cancer: Multi-Reader Multi-Institutional Study from The Cancer Genome Atlas-Ovarian Cancer (TCGA-OV) Imaging Research Group**.

Data Access

Data Access

Click the **Download** button to save a ".tcia" manifest file to your computer, which you must open with the [NBIA Data Retriever](#)

Data Type	Download all or Query/Filter
Images (DICOM)	
Assessment files (CSV)	 
Clinical data (CSV)	
Genomic data (CSV)	

Please contact help@cancerimagingarchive.net with any questions regarding usage.

Detailed Description

Detailed Description

Data available for download includes:

- DICOM images
- Radiologist Assessments of Image Features
- Clinical Data
- Genomic Data

Citations & Data Usage Policy

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These collections are freely available to browse, download, and use for commercial, scientific and educational purposes as outlined in the [Creative Commons Attribution 3.0 Unported License](#). Questions may be directed to help@cancerimagingarchive.net. Please be sure to acknowledge both this data set and TCIA in publications by including the following citations in your work:

Data Citation

Vargas, Alberto; Huang, Erich; Lakhman, Yulia; Ippolito, Joe; Bhosale, Priya; Mellnick, Vincent; Shinagare, Atul; Anello, Maria; Kirby, Justin; Fevrier-Sullivan, Brenda; Freymann, John; Jaffe, Carl; Sala, Evis., (2016). Imaging Features, and Correlations with Genomic and Clinical Data from the TCGA Ovarian Radiology Research Group. The Cancer Imaging Archive. <http://doi.org/10.7937/K9/TCIA.2016.PSJ0XM47>

TCIA Citation

Clark K, Vendt B, Smith K, Freymann J, Kirby J, Koppel P, Moore S, Phillips S, Maffitt D, Pringle M, Tarbox L, Prior F. **The Cancer Imaging Archive (TCIA): Maintaining and Operating a Public Information Repository**, Journal of Digital Imaging, Volume 26, Number 6, December, 2013, pp 1045-1057. ([paper](#))

In addition to the dataset citation above, please be sure to cite the following if you utilize these data in your research:

i Publication Citation



Vargas HA, Huang EP, Lakhman Y, Ippolito JE, Bhosale P, Mellnick V, Shinagare AB, Anello M, Kirby J, Fevrier-Sullivan B, Freymann J, Jaffe CC, Sala E. Radiogenomics of High-Grade Serous Ovarian Cancer: Multireader Multi-Institutional Study from the Cancer Genome Atlas Ovarian Cancer Imaging Research Group. Radiology. 2017 Jun 22:161870. doi: 10.1148/radiol.2017161870. ([link](#))

Other Publications Using This Data

TCIA maintains [a list of publications](#) that leverage TCIA data. If you have a manuscript you'd like to add please [contact the TCIA Helpdesk](#).

Versions

Version 1 (Current): 2019/07/11

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