

| Status | Protocol | PI/SC | Title | Indication |
|---------------|--------------------|------------------------------|--|--|
| OPEN | CCTG-MA-39-CIRB | PI: Casey SC: Chasity | A Randomized Trial of Regional Radiotherapy in Biomarker Low Risk Node Positive and T3N0 Breast Cancer | Breast: T3N0 |
| OPEN | LCCC2032 | PI: Sud SC: Chasity | The effects of short chain fatty acid supplementation on the quality of life and treatment-related toxicities in subjects receiving abdominopelvic radiotherapy: A randomized controlled study | GI & GU |
| OPEN | GTM-102 | PI: Shen SC: Chasity | A Phase 3 Randomized Controlled Trial of Post-Surgical Stereotactic Radiotherapy (SRT) versus Surgically Targeted Radiation Therapy (STaRT) with Gamma Tile for Treatment of Newly Diagnosed Metastatic Brain Tumors | Newly Diagnosed Metastatic Brain Tumors |
| OPEN | LCCC2250 | PI: Yanagihara SC: Claire | Safety, Efficacy, and Mechanism of Pre-operative Spatially Fractionated Radiation Therapy in Patients with Extremity Soft Tissue Sarcoma: A Pilot Study | Soft Tissue Sarcoma |
| OPEN | NRG-GU010 | PI: Repka SC: Camisha | PARALLEL PHASE III RANDOMIZED TRIALS OF GENOMIC-RISK STRATIFIED UNFAVORABLE INTERMEDIATE RISK PROSTATE CANCER: DE-INTENSIFICATION AND INTENSIFICATION CLINICAL TRIAL EVALUATION (GUIDANCE) | Prostate |
| OPEN | CCTG-HN11 (SELECT) | PI: Chen SC: Chasity | <i>CCTG-HN11 (CIRB) - Spect-CT Elective Contralateral Neck Treatment (SELECT) for Patients with Lateralized Oropharyngeal Cancer: A Phase III Randomized Controlled Trial</i> | Lateralized Oropharyngeal Cancer |
| OPEN | MGT-AQP1-201 | PI: Chen SC: Chasity | <i>A Randomized, Double-Blind, Placebo-Controlled Study to Determine the Efficacy and Safety of AAV2-hAQP1 Gene Therapy in Participants with Radiation-Induced Late Xerostomia</i> | H&N |

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| Status | Protocol | PI/SC | Title | Indication |
|--------|-----------|-----------------------------|--|------------|
| Open | LCCC-2044 | PI: Yarbrough SC: Tuvara | Prospective observational study to validate circulating HPV DNA and prognostic genomic biomarkers in HPV-associated OPSCC | H&N |
| Closed | LCCC 1928 | PI: Sud SC: Tuvara | Application of plasma circulating HPV DNA testing to management of cervical intraepithelial neoplasia | Gyn |
| Open | LCCC 2051 | PI: Sud SC: Melissa | Plasma circulating tumor HPV DNA and Transrenal HPV DNA as minimally invasive biomarkers for cervical cancer detection and surveillance following definitive treatment | Gyn |
| Open | LCCC 2224 | PI: Sud SC: Melissa | ETERNITY: Biorepository to accelerate advances in Radiation Therapy # of sub studies currently open: 1 # of sub studies in activation: 1 | All |

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| New | LCCC 2444 | PI: Shen SC: Meissa | A Phase II Randomized Assessment of Sparing Parotid Ducts via MRI Sialography for Reduced Patient-Reported Xerostomia following Radiotherapy for Oropharynx Cancer | H&N |
| New | LCCC 2404 | PI: Casey SC: Jessica | ULTRA Hypo-fractionated Adjuvant Whole Breast Radiation Therapy with Simultaneous Integrated Boost for Early-Stage Breast Cancer (H-ASSIST) | Breast |
| New | LCCC 2310 | PI: Sud SC: Melissa | Feasibility study of novel applications of hyaluronic acid-based rectal spacers in gynecologic malignancies | Gyn |
| New | LCCC 2035 | PI: Shen SC: Tuvara | A pilot study investigating novel quantitative magnetic resonance imaging techniques to distinguish radiation necrosis versus tumor recurrence in brain metastasis following radiosurgery | Neuro |
| New | LCCC 2210 | PI: Sud SC: Melissa | Characterization of circulating tumor DNA kinetics during Radiation Therapy, treatment monitoring, and surveillance. | Oligomets/Rare Tumor |
| New | LCCC 2416 | PI: Yanagihara SC: Melissa | Development of a circulating tumor DNA fragmentomics assay in patients without evidence of hepatocellular carcinoma | GI |