


Titre	A Randomized Trial of Five-Fraction Partial Breast Irradiation
Protocole ID	RAPID2
ClinicalTrials.gov ID	NCT05417516
Type(s) de cancer	Sein
Type étude	Clinique
Médicament	Radiothérapie
Institution	CHU DE QUEBEC – UNIVERSITE LAVAL  HOPITAL DE L'ENFANT-JESUS 1401 18e Rue, Québec, QC, G1J 1Z4
Ville	
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Statut	Actif en recrutement
Date d'activation	18-10-2023
But étude	The primary objective of this study is to determine in women with node negative BC ≤ 3 cm in size, if PBI compared to WBI, both given once-a-day over 1 week following BCS, is non-inferior for LR and reduces adverse cosmesis. The primary outcomes are LR and patient-assessed cosmesis at 3 years post randomization.
Critères d'éligibilité	<ul style="list-style-type: none">• Female with a new histological diagnosis of invasive carcinoma of the breast with no evidence of metastatic disease.(AJCC TNM Cancer Staging).• Treated by BCS with microscopically clear resection margins ≥ 1mm for invasive and non-invasive disease or no residual disease on re-excision.• Negative axillary node involvement as determined by either sentinel lymph node biopsy or axillary node dissection.
Critères d'exclusion	<ul style="list-style-type: none">• Age less than 50 years.• Known to be BRCA 1 and/or BRCA 2 positive.• Tumour size > 3cm in greatest diameter on pathological examination.• Lobular carcinoma only.• More than one primary tumour in different quadrants of the same breast (patients with multifocal breast cancer are eligible).• Synchronous or previous contralateral breast cancer (patients with contralateral DCIS or LCIS are eligible).• History of non-breast malignancy within the last 5 years other than treated non-melanoma skin cancer or treated in-situ carcinoma.• Known pregnancy or currently lactating.• Inability to localize tumour bed on CT planning (no evidence of surgical clips or seroma).• Inability to plan the patient for the experimental technique.