

# Uterine Fibroids Analysis Report

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Analysis Type: AI-Powered Medical Imaging Analysis  
Model: U-Net++ with EfficientNet-B5 Encoder

## Patient Information

Age: 22 years  
Ethnicity: Indian  
Reported Symptoms: Pelvic pain  
Family History: Positive for uterine fibroids

## Analysis Summary

Detection Status: **FIBROIDS DETECTED**

|                      |                        |
|----------------------|------------------------|
| Model Confidence:    | 98.5%                  |
| Number of Fibroids:  | 1                      |
| Highest Severity:    | Severe                 |
| Total Affected Area: | 6639.0 mm <sup>2</sup> |

## Detailed Findings

| Fibroid # | Severity | Area (mm <sup>2</sup> ) | Location     |
|-----------|----------|-------------------------|--------------|
| 1         | Severe   | 6639.0                  | (48.5, 46.1) |

## Recommendations

- Consult with a gynecologist for clinical correlation and treatment planning.
- Large fibroids detected - consider urgent gynecological consultation.

3. Consider MRI for detailed characterization if clinically indicated.
4. Monitor symptoms and consider follow-up imaging if symptoms worsen.
5. Discuss treatment options based on symptoms, size, and location of fibroids.

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**Important Notice:** This report is generated by an AI-powered medical imaging analysis system. The results should be interpreted by qualified medical professionals and used in conjunction with clinical findings and other diagnostic information. This analysis is not a substitute for professional medical diagnosis or treatment.

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