```
Non-numeric columns: Index(['AMH(ng/mL).1'], dtype='object')
0.9197530864197531
Cross-validation scores: [0.88157895 0.88157895 0.89473684 0.88        0.85333333]
Mean cross-validation score: 0.8782456140350877
Best hyperparameters: {'max_depth': 10, 'min_samples_split': 2, 'n_estimators': 100}
Confusion Matrix:
[[100    5]
 [  8   49]]
Classification Report:
              precision    recall  f1-score   support

           0       0.93      0.95      0.94       105
           1       0.91      0.86      0.88        57

    accuracy                           0.92       162
   macro avg       0.92      0.91      0.91       162
weighted avg       0.92      0.92      0.92       162
```