

```
1 using System;
2
3 namespace HospitalManagementSystem
4 {
5     public class Surgeon : MedicalStaff
6     {
7
8         public Surgeon(string name, string contact, DateTime dob, string
           workingHours, string experience):base(name, contact, dob,
           workingHours, experience)
9     {
10    }
11
12    public override void Diagnose()
13    {
14        Console.WriteLine($"{Name} is diagnosing the patient.");
15    }
16
17    public override void ProvideTreatment()
18    {
19        Console.WriteLine($"{Name} is performing surgery.");
20    }
21 }
22 }
23
```