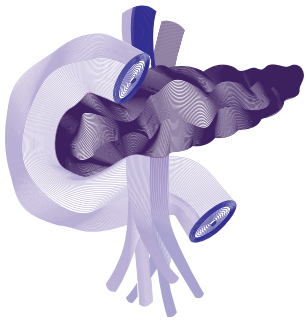
Bölüm 25

Robotik Pankreas Cerrahisi



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Robot kelimesi, dünyada ilk defa Karel Čapek'in 1920 yılında yazdığı *R.U.R. - Rossum's Universal Robots* adlı eserinde kullanılmış ve daha sonra tüm dünyada yaygın bir biçimde kullanılmaya başlanmıştır. Bu kitapta robotu; mekanik ve otonom, ancak insanca duygulardan yoksun yaratıklar olarak tarif etmiştir. Ameliyatlarda robotların kullanılması yaklaşık 35 yıl öncesine dayanmaktadır ve son yirmi yılda teknolojideki gelişmelerle birlikte her geçen gün önemini artırmaktadır.

Robotlar, 1970'lerde, uzay araçlarında veya savaş alanlarındaki askerlere, cerrahın fiziksel varlığı olmaksızın ve astronotlara bakım sağlamak amacıyla Amerika Ulusal Havacılık ve Uzay Dairesi (NASA) tarafından onaylanan ve Savunma İleri Araştırma Proje Ajansı (DARPA) tarafından finanse edilen askeri bir proje olarak cerrahiye uygulanmaya başlanıldı (1).

Pankreas cerrahisi, teknik olarak; zor, karmaşık anatomik yapısı olan, öğrenim eğrisinin uzun ve karmaşık cerrahi prosedürleri birarada içeren bir cerrahi operasyondur. Günümüzde halen çoğu merkezlerde pankreas cerrahisi açık teknikle başarıyla uygulanmaktadır. Minimal invaziv cerrahi prosedürlerin

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