

BÖLÜM 11

ÇOCUK CERRAHİSİNDE TEKNOLOJİK DESTEKLİ HEMŞİRELİK BAKIMI

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GİRİŞ

Cerrahi girişimlerin, çocukluk döneminde fizyolojik ve psikososyal açıdan önemli etkiler yaratabilen stresli süreçler olduğu bilinmektedir. Hemşirelerin bu süreçte çocukların gelişimsel özelliklerine uygun, güvenli ve etkili bakım sağlaması büyük önem taşımaktadır. Fiziksel hemşirelik bakımının yanı sıra aile merkezli bakım yaklaşımı, çocuklarda ağrı, korku ve anksiyete gibi duygusal tepkilerin azaltılmasında ve yönetilmesinde önemli bir yer tutmaktadır. Bu noktada, hemşirelik bakımı yalnızca geleneksel yöntemlerle sınırlanmamalıdır. Çocukların cerrahi süreçlerde yaşadığı fizyolojik ve duygusal güçlüklerin daha etkin yönetilebilmesi için, bakım anlayışına yeni araçların ve destekleyici yaklaşımların entegre edilmesi gerekmektedir. Günümüzde teknolojinin sunduğu olanakların çocuk cerrahisi hemşireliğinde bakım süreçlerine dâhil edilmesi önemlidir. Hız kazanan teknolojik gelişmelerin sağlık alanına yansımaları sayesinde, çocuk cerrahisi hemşireliğinde teknolojik destekli bakım uygulamaları yaygınlaşmaktadır. Giyilebilir sağlık teknolojileri, mobil izlem sistemleri, sanal gerçeklik uygulamaları, yapay zekâ destekli sistemler gibi yenilikçi araçlar; hemşirelik bakımının niteliğini artırmakta, hataları azaltmakta, bireyselleştirilmiş ve aile merkezli bakımın sağlanmasında destek olmaktadır. Teknolojinin bakım süreçlerine entegrasyonu sayesinde, özellikle çocuk hastalarda güvenli hasta bakımının sağlanması ve hasta deneyiminin iyileştirilmesi mümkün hale gelmektedir.

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mekte böylelikle bakımın sürekliliği sağlanabilmektedir(57,59,60,70). Dolayısıyla teknoloji, aile merkezli bakımın kapsamını genişletmiş ve çocuk-aile deneyimini zenginleştiren, bakımın kalitesini artıran bir araç haline gelmiştir.

SONUÇ

Çocuk cerrahisinde perioperatif hemşirelik bakım süreci, teknolojik gelişmelerin sunduğu olanaklar sayesinde daha kaliteli, güvenilir ve erişilebilir bir boyuta gelmiştir. Giyilebilir sensörler, yapay zeka destekli sistemler, akıllı infüzyon pompaları, sanal ve artırılmış gerçeklik uygulamaları günümüzde kullanılan güncel teknolojilerdir. Bu teknolojiler, hemşirelerin klinik karar verme süreçlerini güçlendirmektedir. Ayrıca aile merkezli bakım anlayışını güçlendirmekte ve hasta güvenliğini desteklemektedir. Ameliyat geçiren çocuklarda ağrı, korku ve kaygının yönetiminde teknoloji destekli nonfarmakolojik uygulamalar, çocuk ve aile deneyimini olumlu yönde etkilemektedir. Gelecekte teknoloji destekli hemşirelik bakım uygulamalarının artış göstermesi beklenmektedir. Bu sayede çocukların perioperatif süreçte aile merkezli bakımı temel alan daha güvenli, bireyselleştirilmiş ve bütüncül bakım modellerinin geliştirilmesinin mümkün olacağı düşünülmektedir.

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