

5. BÖLÜM

YÜZEYEL VENÖZ HASTALIKLAR HAYVAN MODELLERİ

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Yüzeysel ven hastalıkları basit ve tedavi edilebilir damar hastalıklarından kabul edilse de, hem hasta üzerindeki etkileri hem de olası komplikasyonları açısından atlanmaması ve hızla tedavi edilmesi gereken hastalıklardandır. Basit tedavi yöntemlerinin yanında, altta yatan sebeplerin de iyi araştırılması ve tedavinin bir parçası olarak kabul edilmesi gerekmektedir.

TROMBOFLEBİT

Yüzeysel ven hastalıklarından en önemlisi ve en çok karşılaştığımız yüzeysel ven trombozu olarak da adlandırılan yüzeysel tromboflebit; damar lümeninde trombus varlığı, venöz yapının ve çevre dokuların inflamatuvar reaksiyonu ile karakterize, sıcak, ağrılı ve hiperemik damar hattının izlendiği patolojik bir durumdur (1). Bu tromboz, küçük yüzeysel venöz yapılardan büyük safen vene kadar uzanabilir, daha ciddi vakalarda ise derin venöz sisteme dek ilerleyebilir (2,3). Ayrıca pulmoner emboli riskinde 2,5 kata kadar artışa neden olabilir ve yapılan çalışmalarda tekrarlayan venöz tromboembolizm atakları ile ilişkisi gösterilmiştir (2, 4, 5).

Kimyasal nedenlere, mekanik irritasyona veya enfeksiyöz ajanlara bağlı olarak gelişebilen tromboflebitler oluşma nedenine göre adlandırılır. Kimyasal tromboflebit; düşük pH, yüksek ozmotik basınç, yüksek ilaç konsantrasyonuna sahip sıvıların infüzyonuyla gelişir. Kateterin boyutu, kateterizasyon bölgesi, kateter takma ve sabitleme tekniği mekanik tromboflebit gelişiminde etkilidir. Bakteriyel-septik tromboflebit ise cilt antisepsisi ve kateter bakımı ilişkilidir.

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Sonuç olarak, yüzeysel ven hastalıkları hayvan deneyi modellerinde tavşan kulağı, domuz kulağı, fare kuyruğu sıkça kullanılmakta ve literatürde bu hayvanlar ile ilgili genellenebilir karşılařtırılmalı çok sayıda çalışma mevcuttur. Ancak bu bilinen modeller dışında transgenik modeller ile telanjiektazi, tromboflebit çalışmaları henüz sınırlı sayıda olsa da, moleküler biyoloji ve genetik bilimindeki gelişmeler ile sadece telanjiektazi modelinde deęil dięer kardiyovasküler hastalıklarda da yeni modellerin oluřturulabileceęi açıktır.

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