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Title	Drug resistant *Staphylococcus aureus* in clinical samples at Kampala International University-teaching hospital, Bushenyi District, Uganda.
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Abstract	**Arka Plan:** Metisiline dirençli *Staphylococcus aureus* (MRSA), genellikle tedavisi zor enfeksiyonlara yol açan önemli bir hastane kaynaklı (nosokomiyal) patojendir. Bu durum, söz konusu patojenin genellikle yaygın olarak kullanılan diğer antibiyotiklere karşı da dirençli olmasından kaynaklanmaktadır. Hastalar arasında ilaç dirençli MRSA varlığı, daha önce Uganda'nın çeşitli bölgelerinde belgelenmiştir. Ancak, Batı Uganda'daki Kampala Uluslararası Üniversitesi Eğitim Hastanesi (*Kampala International University Teaching Hospital*) için henüz bir rapor yayınlanmamıştır. Bu nedenle bu çalışma, cerrahi servisinde yatan hastalarda MRSA suşlarının prevalansını (görülme sıklığını) ve antibiyotik direncini belirlemek amacıyla gerçekleştirilmiştir. **Yöntemler:** Cerrahi servisinde yatan hem erkek hem de kadın hastalardan yara sürüntü örnekleri toplanmıştır. Örnekler daha sonra uygun besiyerlerinde kültüre edilmiştir. Elde edilen *Staphylococcus aureus* kolonilerinin MRSA suşlarını belirlemek amacıyla oksasilin direnci test edilmiştir. Ayrıca, MRSA izolatlarının antibiyotik direnç durumları, çeşitli antibiyotikler kullanılarak disk difüzyon yöntemiyle belirlenmiştir. **Bulgular:** Klinik örneklerden elde edilen yüz on dört izolattan sadece yetmiş beşi net bir şekilde *S. aureus* olarak tanımlanmış olup, bunların %85,3'ü koagülaz pozitif ve %13,3'ü koagülaz negatif olarak bulunmuştur. Metisiline dirençli *Staphylococcus aureus* prevalansı %56,1 oranında tespit edilmiştir. MRSA izolatları arasında en yüksek direnç siprofloksasine karşı gözlenirken, en düşük direnç seftriaksona karşı ulaşılan değer olmuştur. **Sonuç:** Cerrahi servisi hastaları arasındaki yüksek MRSA prevalansı, patojenin daha fazla yayılmasını önlemek için uygun önlemlerin alınmasını gerektirmektedir. Gelecekte tedavisi zor enfeksiyonların ortaya çıkmasını önlemeye yönelik uygun müdahalelerin tasarlanabilmesi için, bu ilaç dirençli MRSA suşlarının kaynağının belirlenmesi önerilmektedir.
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