

IRPAG Liner Working Party

Christophe Cointet • John Sullivan • John Ross • Dominic Hannett

Reasons For This Work

Spend on liners is high, Approx 16% of the NHS hardware budget is being used for liner prescription and is likely to increase.

Putting a patient on a liner has life time costs

A recent audit found that a centre supplied 21 liners as a method of suspension. 11 different liners were provided with an average cost of £240 in 2005. (IRPAG Feb 08)

Alan Lynch & James McVeigh pressurising manufacturers to state life of limb/ component. This will have an additional cost implication to our services

Liner Survey and Literature Outcomes

There is little scientific evidence to inform on the prescription practices of liners (Glenn K. Klute et al ¹)

Liner prescription and application varies considerably across centres (McCurdie et al ²)

Prescribing activity is largely determined by personal experience (IRPAG Liner survey 09-10 ³)

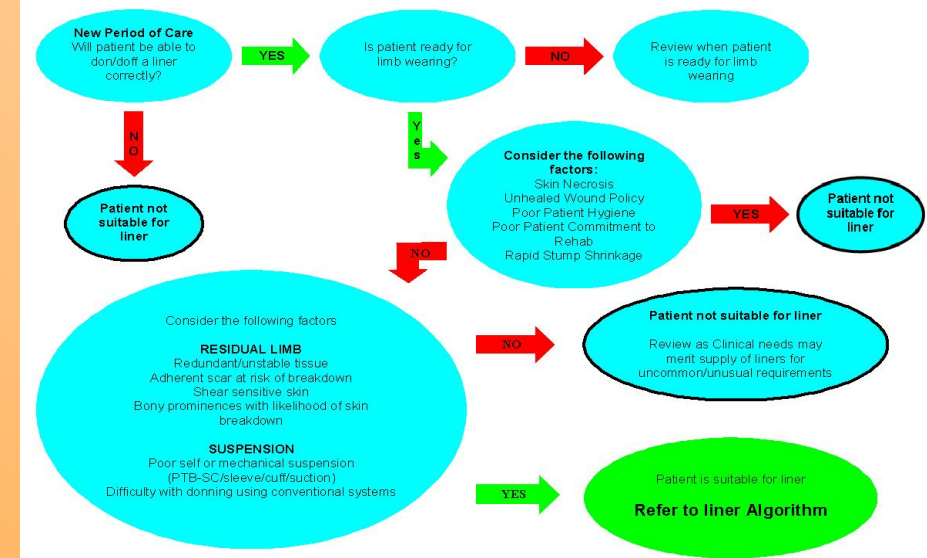
There is little consistent agreement in the research literature regarding the most effective way of providing a skeletal / mechanical interface (Centre for Evidence-based Purchasing CEP 2007- PASA NHS)

References

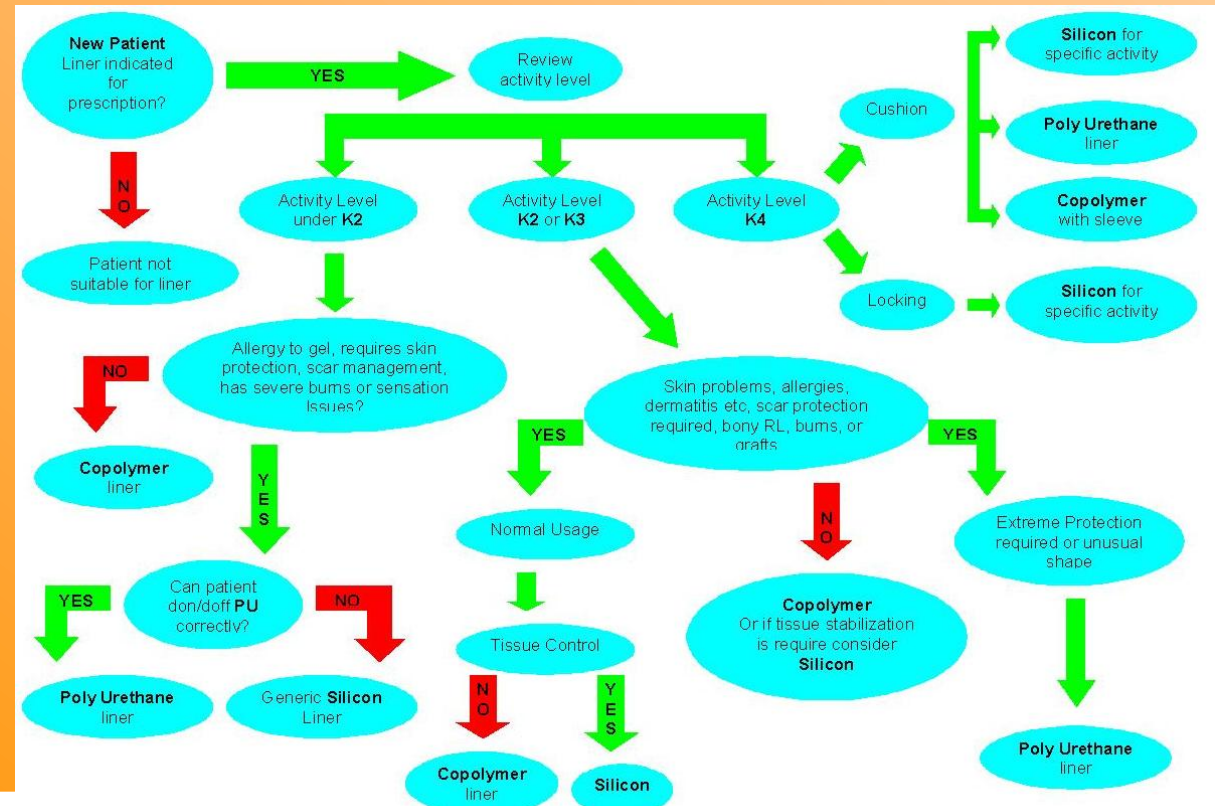
1. Klute GK, Glaister GC, Berge JS. Prosthetic Liners for lower limb amputees: A review of the literature. *Prosthetics & Orthotics International* 2010; Vol42 No 2: 146-153
2. McCurdie I, Hanspal R, Nieveen R. ICEROSS – a consensus view: a questionnaire survey of the use of ICEROSS in the United Kingdom. *Prosthetics & Orthotics International* 1997; 9: 124-128
3. IRPAG Liner survey 09-10 IRPAG Meeting BRSM March 2009
4. Evidence Review, Pain-free artificial lower limb patient interface. Centre for Evidence-based Purchasing CEP 2007- PASA NHS

Our Proposition: A set of simple algorithm management systems

1: A factor specific prescription guidelines algorithm



2: An improved liner selection criteria guidelines algorithm



Conclusion

Agreed prescription factors for better objectivity, transparency and accountability
Improved record and evidence for liner prescription and selection
Measurable standards (audit)