

Patient perspective vs expert opinion: Optimal rehabilitation practices for management of single- and double level lumbar fusion surgery

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Summary

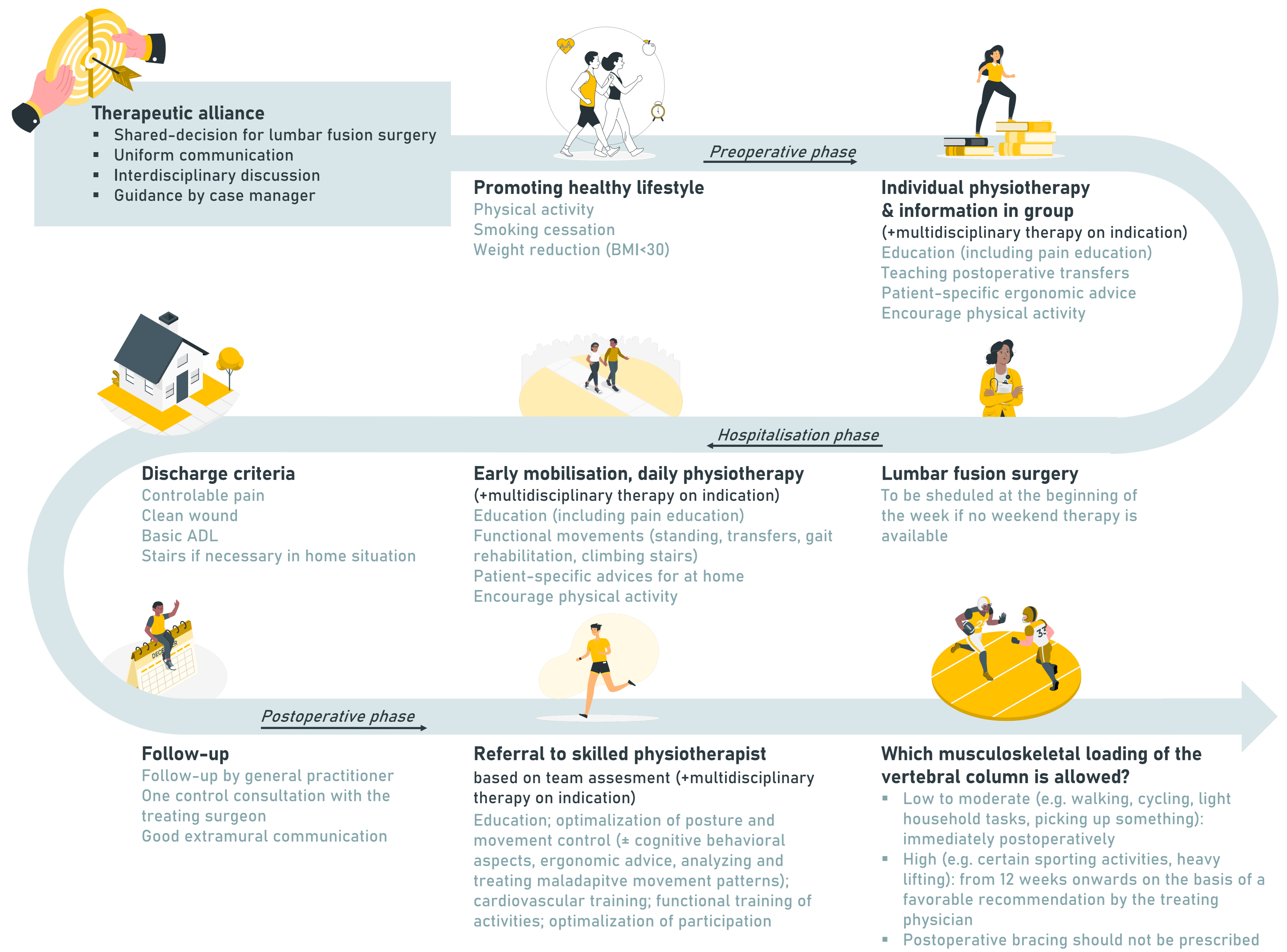
Extensive variation and uncertainty in rehabilitation of lumbar fusion **calls for consensus on the best rehabilitation pathway**

In this modified Delphi study, **expert consensus** on best practices in the rehabilitation of single- and double level lumbar fusion surgery for degenerative conditions was achieved and **validated by patients**

Study design

Multidisciplinary expert panel	4-round modified Delphi study	Validation
<p>31 Belgian and Dutch experts, clinical and/or academic:</p> <ul style="list-style-type: none"> 5 Neurosurgeons 5 Orthopaedic surgeons 8 Physiotherapists 5 Psychologists 2 Nurses 1 Physician assistant 1 General practitioner 1 Clinical epidemiologist 3 Physical and Rehabilitation Medicine specialists 	<p>3 online rounds (anonymous, iterative, feedback on group scoring), followed by 1 in-person focus group</p> <ul style="list-style-type: none"> Response rates (round 1-2-3-4): 100%-87%-87%-55% Followed the CREDES guidelines, Cut-off consensus: 75% 	<p>9 patients that underwent lumbar fusion validated the expert consensus by expressing their experiences:</p> <ul style="list-style-type: none"> Scoping survey, followed by Focus group

Expert-consensus on optimal rehabilitation practices for single- and double-level lumbar fusion: 122 statements



Patients' perspective on this expert-consensus?

- highlighted a need for early **guidance in return-to-work**
- agreed on the beneficial effect of **uniform communication**, and on **case manager guidance**

Clinical implications?

- These consensus statements may act as a **much-needed guidance** for clinicians, until new, higher level of evidence become available.
- Patients' perspective shows an additional *need* for early **support in return-to-work** in this rehabilitation pathway.