STAMPEDE

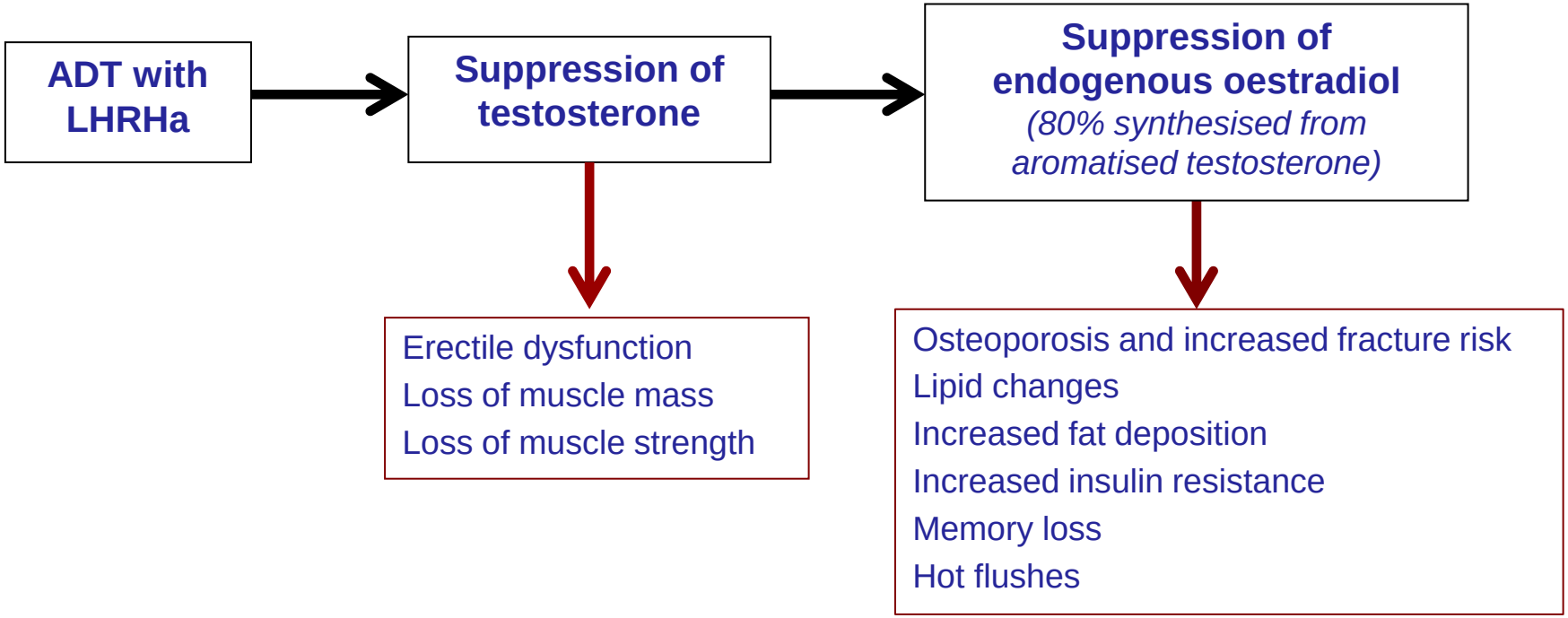
Transdermal oestradiol comparison

(Arm L)

Aim: To compare the clinical efficacy and side effect profile of transdermal oestradiol against standard ADT for men with locally advanced or metastatic prostate cancer

Transdermal oestradiol (tE2)

- Should avoid the toxicities associated with oestradiol deficiency seen with LHRHa



- Expected to mitigate the cardiovascular risk associated with oral oestrogen
- Reducing treatment-associated morbidity and potential additional direct anti-tumour effects may improve overall survival compared to LHRHa

PATCH trial results to date

(N=875 enrolled up to Oct-2015)

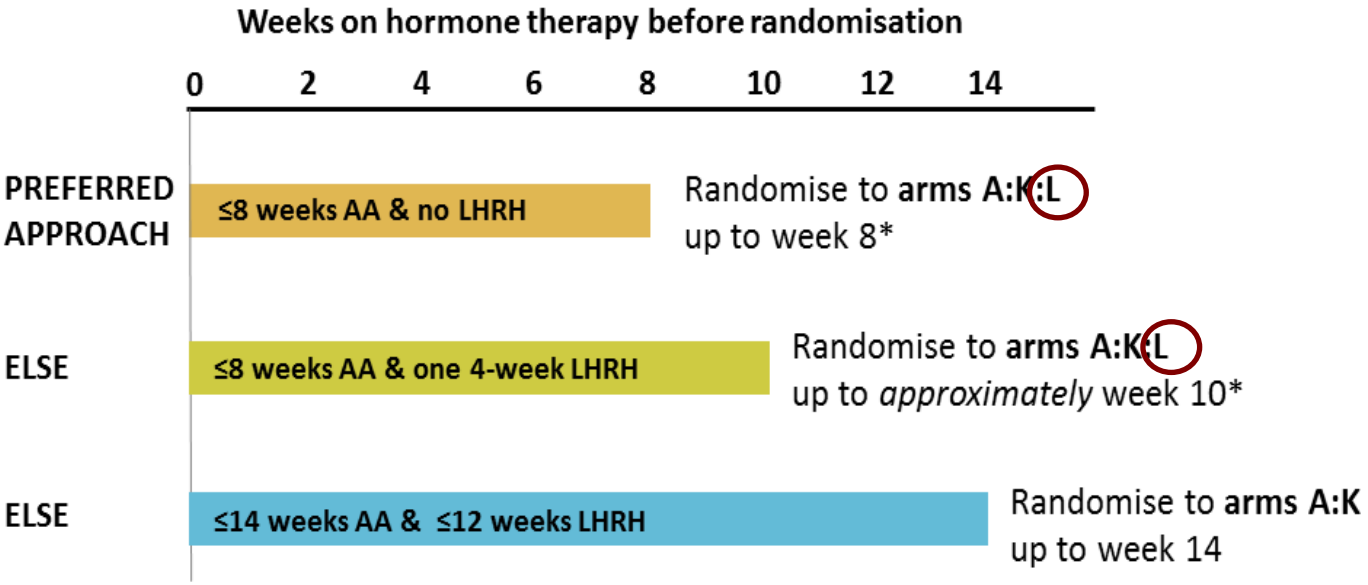
Data from ongoing trial show transdermal oestradiol:

- Achieves equivalent castration rates to LHRHa[1]
- Avoids the cardiovascular toxicity seen with oral oestrogen[1]
- Avoids the loss in bone mineral density associated with LHRHa[2]
- Results in more favourable metabolic profiles and improved quality of life compared to LHRHa[1,3]

[1]Langley et al., Lancet Oncology, 2013
[2]Langley et al., European Urology, 2016
[3]Gilbert et al., BJU Int 2017

tE2 comparison inclusion criteria

- Maximum one 4-week (or 1-month) LHRH injection
- ≤8 weeks of anti androgen use



- **Other inclusion criteria:** Patient has not had a bilateral orchidectomy; no cyproterone acetate prior to randomisation; no prior radiologically confirmed DVT or pulmonary emboli; no known thrombophilic disorders; not known to have porphyria.

Summary

- The encouraging results from the PATCH trial so far emphasise the importance of further evaluating the clinical efficacy of tE2
- As of 18-Jan-2018, 1525 patients have been recruited to PATCH and STAMPEDE tE2 comparison combined
- Developing alternative approaches to ADT may allow more personalised treatment for patients with prostate cancer with improved toxicity profiles, potentially improving quality of life

For any queries, please contact the STAMPEDE trial team at:
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PATCH trial participant:
"It's much like putting my socks on each morning, having lunch each day, watching my favourite TV programme during the week – it's a way of life."