Nutritional Status During CAR-T Therapy

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Acknowledgements

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Overview of presentation

Background

Methodology

Results

Conclusion

Background

Systemic review published in 2021 by Cucchiaro and Weekes

What do we know regarding malnutrition

Side effects of CAR-T therapy affecting a patients nutritional status

Methodology

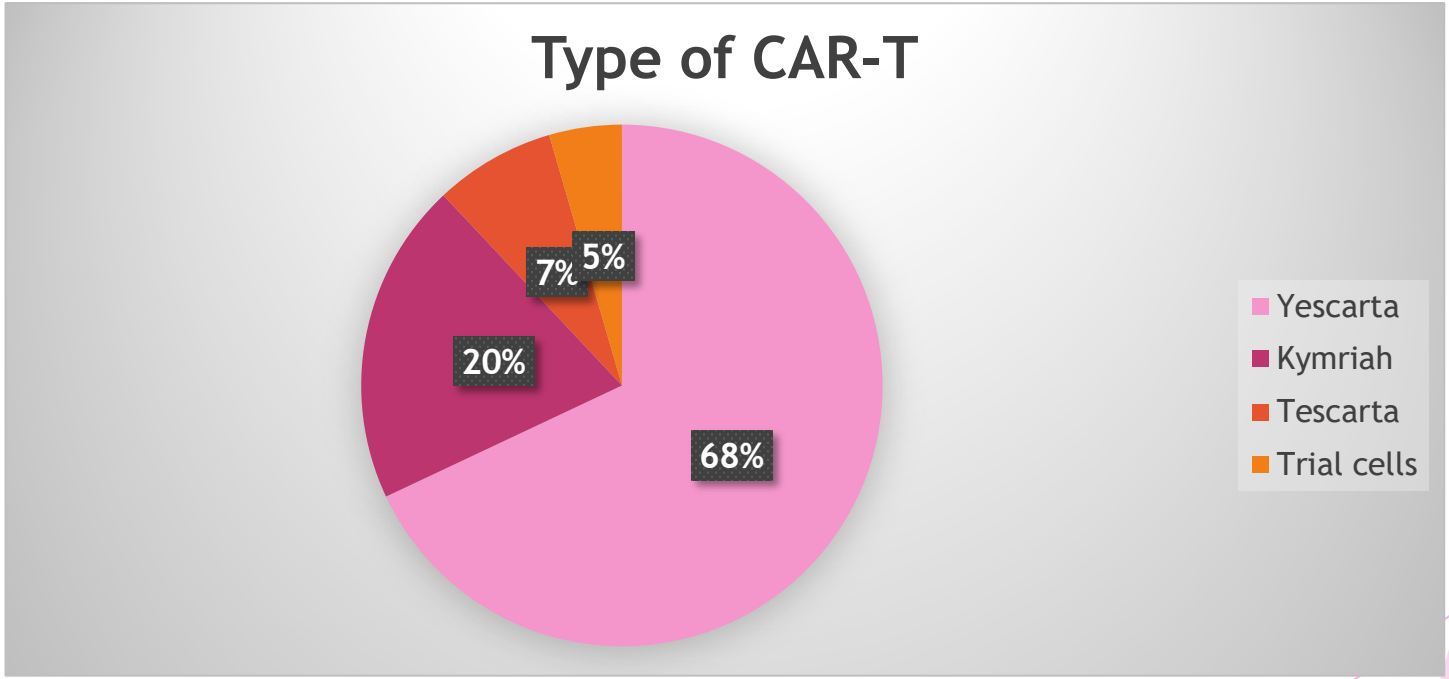
Data from 4 haematology units who undertake CAR-T therapy

Proforma designed

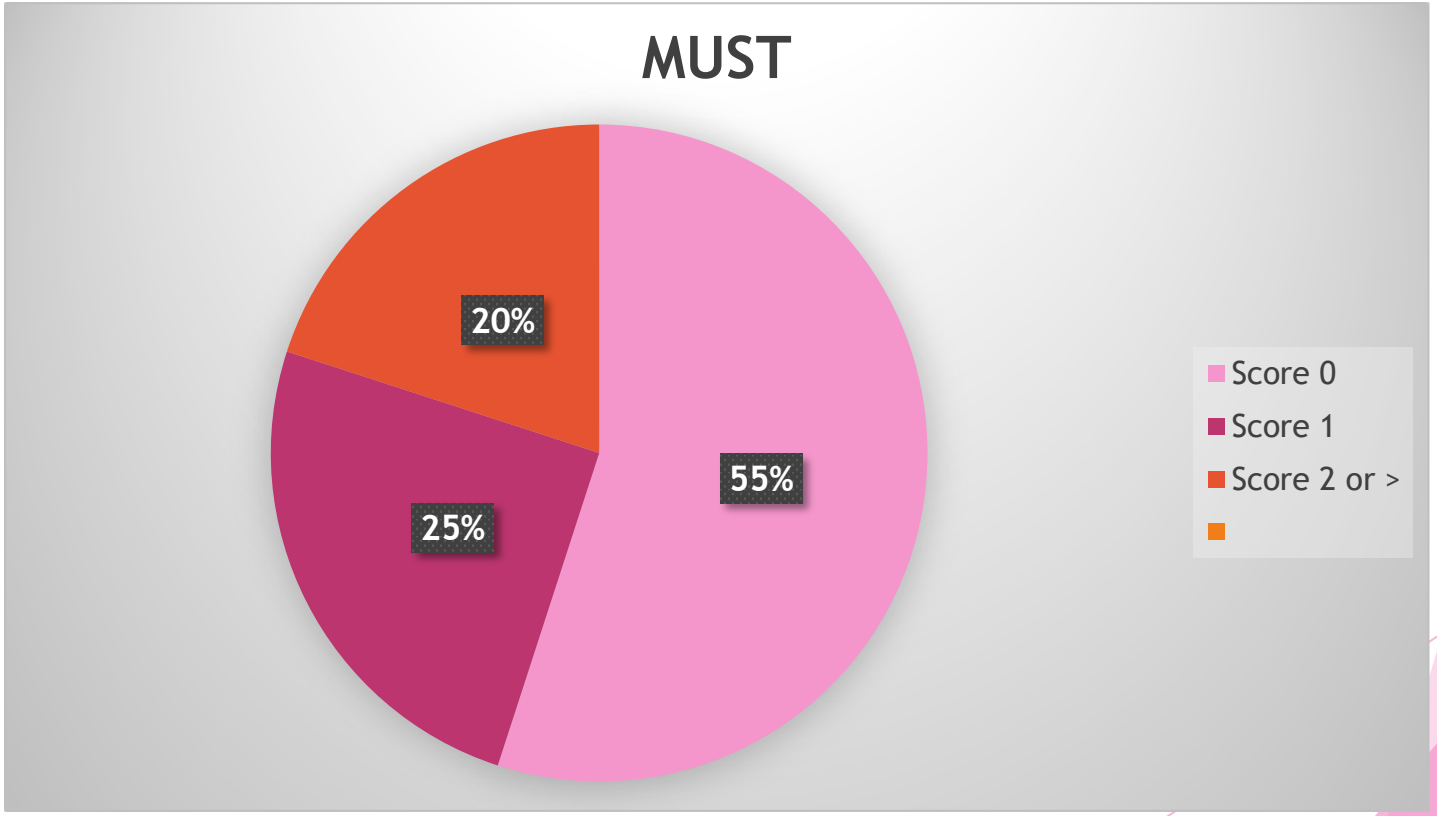
Retrospective data collection

Data was collected from a 12month period

Results - 1



Results - 2



Results - 3

Weight change during admission

- From loss of 18.7% through to a gain of 19% body weight.

Of those 37 patient who were classed as high risk (NRS 2 or >), 7 lost > 10% of their weight during admission.

Full nutritional support data only on 138 of the patients

- 62% received oral nutritional supplements
- 20% received NGF, further 7% of patients either refused the feeding tube or were unable to tolerate the placement.
- 2 patients received PN during their admission stay

Conclusion

Overall:

45% of the 187 patients had a degree of malnutrition at the start of CAR-T therapy (NRS 1 or above)

42% of patients had 5% or greater weight loss during their admission


Thank you!