



# Correction to: Update on Immunotherapy Cardiotoxicity: Checkpoint Inhibitors, CAR T, and Beyond

*Murti Patel, MD<sup>1</sup>*

*Olivia Hudson, MD<sup>1</sup>*

*Jingnan Han, MD, MSc<sup>1</sup>*

*Lavanya Kondapalli, MD<sup>2</sup>*

*Garima Arora, MD<sup>1</sup>*

*Riem Hawi, MD<sup>1</sup>*

*Efstathia Andrikopoulou, MD<sup>1</sup>*

*Courtney Estes, CRNP<sup>1</sup>*

*Abigail M. Johnson, RN<sup>1</sup>*

*Carrie Lenneman, MD, MSCI<sup>1,\*</sup>*

## Address

<sup>\*1</sup>University of Alabama at Birmingham (UAB) Heersink School of Medicine, Birmingham, AL, USA

Email: clenneman@uabmc.edu

<sup>2</sup>University of Colorado School of Medicine, Anschutz Medical Campus, Aurora, CO, USA

Published online: 2 October 2023

© The Author(s), under exclusive licence to Springer Science+Business Media, LLC, part of Springer Nature 2023

The original article can be found online at <https://doi.org/10.1007/s11864-023-01130-y>.

## Correction to: Current Treatment Options in Oncology

<https://doi.org/10.1007/s11864-023-01130-y>

The original online version of this article was revised to update Table 1 footnote. The footnote was incorrectly placed in page 12 as the last sentences of "Pre-CAR T-cell CV evaluation" section. The correct table is shown on the next page:

**Table 1. American Society for Transplantation and Cellular Therapy (ASTCT) grading system for CRS in patients receiving immune effector cell therapies (including CAR T-cell)**

Parameters	Grade 1	Grade 2	Grade 3	Grade 4
Fever	Temperature $\geq 38^{\circ}\text{C}$	Temperature $\geq 38^{\circ}\text{C}$	Temperature $\geq 38^{\circ}\text{C}$	Temperature $\geq 38^{\circ}\text{C}$
Hypoxia	None	Low flow nasal cannula ( $\leq 6 \text{ L/min}$ ) or blow-by needed	Face mask, high flow nasal cannula, Venturi mask or non-rebreather needed	Positive pressure ventilation needed via BiPAP, CPAP, mechanical ventilation
Hypotension	None	Vasopressors not needed	Vasopressor needed with or without vasopressin	Multiple vasopressors needed, except for vasopressin

The grade is determined by the more severe event. For instance, if a patient is on multiple vasopressors, excluding vasopressin, and on a non-rebreather mask, the CRS grade is 4.  
If treatment is administered, such as steroids or tocilizumab, the presence of fever is not one of the necessary criteria. The presence of hypotension and/or hypoxia are considered.

The original article has been corrected.

## Publisher's Note

---

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.