

**Important Safety  
Information**  
on Product Confusion  
Medication Errors

# Health Care Professional Guide for Prevention of Product Confusion Medication Errors

**ENHERTU<sup>®</sup> ▼**  
(trastuzumab deruxtecan)

This HCP guide is a condition of the Marketing Authorisation for ENHERTU<sup>®</sup>. It serves to minimise the important potential risk of medication error in addition to the SmPC. HCPs should read it before prescribing and administering ENHERTU<sup>®</sup> (trastuzumab deruxtecan).

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## WARNING

**Risk of confusion between ENHERTU® (trastuzumab deruxtecan) and other trastuzumab-containing products including Kadcyła® (trastuzumab emtansine).**

**There are important differences between these products and confusion during the prescription, preparation and administration processes can lead to overdose, undertreating and/or toxicity.**

**Healthcare professionals should use both the invented name ENHERTU® and the full INN, trastuzumab deruxtecan, when prescribing, preparing the infusion and administering ENHERTU® to patients.**

## ENHERTU®

ENHERTU® (trastuzumab deruxtecan) is an antibody-drug conjugate (ADC) that contains a humanised anti-HER2 IgG1 monoclonal antibody (mAb) with the same amino acid sequence as trastuzumab, covalently linked to DXd, an exatecan derivative and a topoisomerase I inhibitor (for information on approved indications and posology, see approved SmPC).



### Important Information

<b>1</b>	ENHERTU® (trastuzumab deruxtecan) is <b>NOT</b> a generic version or biosimilar of trastuzumab (e.g. Herceptin®)
<b>2</b>	ENHERTU® (trastuzumab deruxtecan) and Kadcyła® (trastuzumab emtansine) are <b>2 different products</b> , both antibody-drug conjugates (ADC) but with different properties, dosing regimens and not identical indications.
<b>3</b>	ENHERTU® (trastuzumab deruxtecan) is <b>NOT interchangeable</b> with trastuzumab-containing products such as Herceptin® (trastuzumab) or Kadcyła® (trastuzumab emtansine)
<b>4</b>	<b>Do NOT</b> administer ENHERTU® (trastuzumab deruxtecan) <b>in combination</b> with other trastuzumab-containing products such as Herceptin® (trastuzumab) or Kadcyła® (trastuzumab emtansine) <b>or with a chemotherapy</b>
<b>5</b>	<b>Do NOT</b> administer ENHERTU® (trastuzumab deruxtecan) at doses greater than indicated in approved SmPC once every 3 weeks
<b>6</b>	Both the invented name ENHERTU®, and its full INN trastuzumab deruxtecan should be used and confirmed when prescribing, preparing the infusion solution and administering ENHERTU® to patients.

# Avoiding errors: Physicians/prescription phase

## Written prescriptions: Potential areas of confusion

Both ENHERTU and trastuzumab deruxtecan should always be used when prescribing.

**For example:** ENHERTU (*trastuzumab deruxtecan*)

## Electronic systems: Potential areas of confusion

Medication	Strength
Trastu	
Trastuzumab	
Trastuzumab deruxtecan	100 mg
Trastuzumab emtansine	100 mg

### Alphabetical name sorting

▶ trastuzumab, trastuzumab deruxtecan and trastuzumab emtansine may be positioned one after the other

Medication	Strength
Trastu	
Trastuzuma	100 mg
Trastuzuma	150 mg
Trastuzuma	100 mg
Trastuzuma	160 mg

### Name truncation

▶ If the system only displays part of the medication name in its drop-down menu or text window (e.g. trastuzumab, trastuzumab deruxtecan or trastuzumab emtansine)

Medication search
Trastuzumab

### Limited text field

▶ If the system only displays part of the medication name in its drop-down menu or text window (e.g. trastuzumab, trastuzumab deruxtecan and trastuzumab emtansine)

Mitigation measures	
Prescribers must familiarise themselves with the ENHERTU® Summary of Product Characteristics (SmPC) which is available at <a href="http://www.hpra.ie">www.hpra.ie</a>	✓
Refer to ENHERTU® and trastuzumab deruxtecan when discussing the drug with the patient	✓
Ensure that protocols to avoid medication errors are in place at the hospital/site and that they are followed	✓
<b>Electronic systems</b> <ul style="list-style-type: none"> <li>• Check correct medication before clicking</li> <li>• Always select the correct medication in the electronic medical record</li> <li>• Ensure the medication prescribed is ENHERTU® (trastuzumab deruxtecan) and not trastuzumab or trastuzumab emtansine</li> <li>• Request use of brand names, where possible</li> </ul>	✓
<b>Written prescriptions</b> <ul style="list-style-type: none"> <li>• Ensure that both ENHERTU® and trastuzumab deruxtecan are written on the prescription and in the patient notes</li> <li>• Do not abbreviate, truncate or omit any name</li> <li>• Ensure the correct medication is clearly recorded in the patient history</li> </ul>	✓



## Avoiding errors: Pharmacists/ordering & preparation phase



Potential mitigation measures	
✓	Pharmacists must familiarise themselves with the ENHERTU <sup>®</sup> Summary of Product Characteristics (SmPC)
✓	Check that protocols to avoid medication errors are in place at the hospital/site and that they are followed
✓	Check both the prescription and patient notes to ensure that ENHERTU <sup>®</sup> and trastuzumab deruxtecan have been recorded as the prescribed medication
✓	Be aware when reading prescriptions that there are multiple types of medication with a similar INN (e.g. trastuzumab, trastuzumab SC (subcutaneous), trastuzumab emtansine and trastuzumab deruxtecan)
✓	Double check the intended medication is ENHERTU <sup>®</sup> (trastuzumab deruxtecan) and that both names are entered in the prescription and/or medical history
✓	In case of any doubt, consult with the treating physician
✓	Familiarise yourself with the different cartons, labels and cap colours available for all trastuzumab containing products to select the correct carton
✓	Ensure the correct medication is ordered from the wholesaler and that the correct medication is received in the pharmacy
✓	Store ENHERTU <sup>®</sup> in a different place in the fridge to other trastuzumab containing products (e.g. Herceptin <sup>®</sup> or Kadcyla <sup>®</sup> )
✓	Ensure ENHERTU <sup>®</sup> is diluted in an infusion bag using 5% glucose solution. <b>Do not use sodium chloride solution.</b>
✓	Familiarise yourself with the ENHERTU <sup>®</sup> dose modification for toxicities

## Avoiding errors: Nurses/administration phase



Potential mitigation measures	
✓	Nurses must familiarise themselves with the ENHERTU® Summary of Product Characteristics (SmPC)
✓	Ensure that protocols to avoid medication errors are in place at the hospital/site and that they are followed
✓	Be aware when reading prescriptions that there are multiple types of medication with a similar INN (e.g. trastuzumab, trastuzumab SC, trastuzumab emtansine and trastuzumab deruxtecan)
✓	Check both the prescription and patient notes to ensure that ENHERTU® and trastuzumab deruxtecan have been recorded as the prescribed medication
✓	On receipt of the infusion bag, check the label on the infusion bag against the prescription and patient notes
✓	Consider using a two nurse double-checking system prior to infusion to ensure that the appropriate product and dosage is administered
✓	Refer to both ENHERTU® and trastuzumab deruxtecan when discussing the drug with the patient
✓	Familiarise yourself with the ENHERTU® dose modification for toxicities
✓	Ensure ENHERTU® is diluted in an infusion bag using 5% glucose solution. <b>Do not use sodium chloride solution.</b>

**Healthcare professionals should check vial labels, including colour of labels, to ensure that the medicinal product being prepared and administered is ENHERTU® (trastuzumab deruxtecan) and not a trastuzumab-containing products such as Herceptin® (trastuzumab) or Kadcyra® (trastuzumab emtansine).**

**An overview of the unique features can be found on page 6.**





Overview of ENHERTU®		
Trademark		
International Nonproprietary Name (INN)	trastuzumab deruxtecan	
Content of vial	100 mg	
	Distinctive colour	
Carton image & colours	<b>ORANGE</b> <b>DARK PURPLE</b>	
Label colour	<b>ORANGE</b> <b>DARK PURPLE</b>	
Vial colour	<b>AMBER</b>	
Cap colour	<b>YELLOW</b>	

# Check list – Avoiding medication errors

## Avoiding medication errors due to possible confusion of ENHERTU® (trastuzumab deruxtecan) with other trastuzumab containing products

### Prescription Phase

Mitigation measures	✓
Familiarise yourself with the ENHERTU® Summary of Product Characteristics (SmPC).	
Ensure the medication prescribed is ENHERTU® (trastuzumab deruxtecan) and not trastuzumab or trastuzumab emtansine.	
Refer to ENHERTU® and trastuzumab deruxtecan when discussing the drug with the patient.	
Ensure that both ENHERTU® and trastuzumab deruxtecan are written on the prescription and in the patient notes. Do not abbreviate, truncate or omit any name.	
Ensure the correct medication is clearly recorded in the patient history.	
Check the correct medication is identified in electronic systems before selecting.	

### Ordering and Preparation

Mitigation measures	✓
Check that protocols to avoid medication errors are in place at the hospital/site and that they are followed.	
Ensure the correct medication is ordered from the wholesaler and that the correct medication is received in the pharmacy.	
Store ENHERTU® in a different place in the fridge to other trastuzumab containing products (e.g. Herceptin® or Kadcyla®).	
Familiarise yourself with the ENHERTU® Summary of Product Characteristics (SmPC).	
Be aware that there are multiple types of medication with a similar INN (e.g. trastuzumab, trastuzumab SC, trastuzumab emtansine and trastuzumab deruxtecan).	
Check the intended medication is ENHERTU® (trastuzumab deruxtecan).	
Familiarise yourself with the different cartons, labels and cap colours available for all trastuzumab containing products.	
Check vial labels, including colour of labels, to ensure that the medicinal product being prepared is ENHERTU® (trastuzumab deruxtecan) and not a trastuzumab-containing products such as Herceptin® (trastuzumab) or Kadcyla® (trastuzumab emtansine).	
Ensure ENHERTU® is diluted in an infusion bag using 5% glucose solution. Do not use sodium chloride solution.	
In case of any doubt, consult with the treating physician.	

### Administration

Mitigation measures	✓
Ensure that protocols to avoid medication errors are in place at the hospital/site and that they are followed.	
Familiarise yourself with the ENHERTU® Summary of Product Characteristics (SmPC).	
Refer to both ENHERTU® and trastuzumab deruxtecan when discussing the drug with the patient.	
Check both the prescription and patient notes to ensure that ENHERTU® and trastuzumab deruxtecan have been recorded.	
Consider using a two nurse double-checking system prior to infusion.	
On receipt of the infusion bag, check the label on the infusion bag against the prescription and patient notes.	
Ensure ENHERTU® is diluted in an infusion bag using 5% glucose solution. Do not use sodium chloride solution.	



## Reporting suspected adverse drug reactions

**Reporting suspected adverse reactions after authorisation of the medicinal product is important. It allows continued monitoring of the benefit/risk balance of the medicinal product. Healthcare professionals are asked to report any suspected adverse reactions via the HPRA Pharmacovigilance Website: [www.hpra.ie](http://www.hpra.ie)**