

# Web Service support for Pre-Emptive

## Revision History

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Date	Version	Author	Description
2022-08-16	1.0	Marc Mousseau	Initial version

## EPIC

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[CTRII-9599](#) – Web Service and Matching Algorithm Updates

## Description

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The Canadian Transplant Registry supports capturing a recipient's Pre-Emptive status, but this field is currently only available through the web browser application (UI) and not through any of the available web service methods.

The changes detailed in this document will impact the inputs (requests) and outputs (responses) of the following web service methods, available in the CTR3 endpoint:

- addRecipientByNationalRecipientId
- updateRecipientByNationalRecipientId
- findRecipientByNationalRecipientId

A new field, supporting the pre-emptive input value, will be included in the **recipient** and **webServiceRecipient** complex type structure.

The new data field will be associated, via business rules, to the following data fields:

- timeOnDialysisInDays (integer)
- onDialysis (boolean)
- mostRecentDialysisStartDate (dateTime)

# Web Service support for Pre-Emptive

## Requirements

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### Web Service Endpoint

Updates will be made to the web service methods that are **only** available in the **CTR3** endpoint:

[HOST]/otd-ws/ctr3?wsdl

### Web Service Methods

The web service methods impacted by the new data element are:

- addRecipientByNationalRecipientId
- updateRecipientByNationalRecipientId
- findRecipientByNationalRecipientId

### Pre-Emptive Data Element

A new data element is required to support the input value and the response value.

**Data Element Name:** preEmptive

**Data Element Type:** Boolean

**Acceptable Values:** True, False, Null/Empty

### Element Validation Rules

The **preEmptive** data element may only be **True** when the **onDialysis** data element is **False**. When the **onDialysis** is **True**, the **preEmptive** data element may be **Null/Empty** or **False**.

A validation failure will return an error – the same error message that is presented in the UI.