

# Encrypted Case Identifier

Five character encryption code based on the patient’s last name and initial of first name.

Data submitters may enter the encrypted case identifier in two ways – using Wlpop’s encrypted case identifier generator, or using the manual method.

## **Wlpop Encrypted Case Identifier Generator:**

1. Within a patient record in Wlpop, click “Create Encrypted Case ID” button.
2. User will be prompted to enter patient’s first initial and last name.
3. Click “Create Encrypted Case ID” button.
4. Wlpop will generate the encrypted case identifier in the correct format.

## **Manual Methodology:**

### ***Character 1***

The first letter of the last name.

### ***Characters 2 – 4***

Characters 2, 3, and 4 are created by assigning numbers to each of the letters in the last name, according to the table below.

The three-digit code begins with the number assigned to the second letter. A code is not used if it is identical to the previous number – this includes instances where the second position’s number is identical to the first position’s number, as in Example 1 below. If the code for a letter is blank, then the letter is bypassed. This process continues until a code number is produced which is different from the preceding number. If this process does not produce three non-zero numbers, then the remaining positions are zero-filled, see Example 2 below. It is possible for a person’s name to result in three zeroes.

### ***Character 5***

The first letter of the first name.

<b>Encrypted Case Identifier Characters</b>	
<b>Letters in Last Name</b>	<b>Number</b>
B, F, P, Q, V	1
C, G, J, K, S, X, Z	2
D, T	3
L	4
M, N	5
R	6
A, E, H, I, O, U, W, Y	blank

**Examples:**

Example 1

Mary Schwarzhoff

'S' is the first letter of the last name

'chwarzhoff' yields '621' as the encrypted numbers

'M' is the first letter of the first name

Result of encryption 'S621M'

Last Name	Number Assigned	Code Used
S	2 (not used – start with 2 <sup>nd</sup> number)	
C	2 (not used – repeat of previous number)	
H	Blank	
W	Blank	
A	Blank	
R	6	6
Z	2	2
H	Blank	
O	Blank	
F	1	1
F	Not used – three digit code completed	

Example 2

John Ross

'R' is the first letter of the last name

'oss' yields '200' as the encrypted numbers

'J' is the first letter of the first name

Result of encryption 'R200J'

Last Name	Number Assigned	Code Used
R	6 (not used – start with 2 <sup>nd</sup> number)	
O	Blank	
S	2	2
S	2 (not used – repeat of previous number)	

Example 3

Imogene Sartori

'S' is the first letter of the last name

'artori' yields '636' as the encrypted numbers

'I' is the first letter of the first name

Result of encryption 'S636I'

Last Name	Number Assigned	Code Used
S	2 (not used – start with 2 <sup>nd</sup> number)	
A	Blank	
R	6	6
T	3	3
O	Blank	
R	6	6
I	Blank	

Example 4

Prudence Mortenson

'M' is the first letter of the last name

'ortenson' yields '635' as the encrypted numbers

'P' is the first letter of the first name

Result of encryption 'M635P'

Last Name	Number Assigned	Code Used
M	5 (not used – start with 2 <sup>nd</sup> number)	
O	Blank	
R	6	6
T	3	3
E	Blank	
N	5	5
S	Not used – three-digit code completed	
O	Not used – three-digit code completed	
N	Not used – three-digit code completed	