Example of procedure name and ORMIS numbers

If, Then statements used to categorize procedures using ORMIS numbers

Legend:
CABG – Coronary artery bypass graft
ORIF – Open reduction internal fixation
ORMIS – Operating room information system
Panc – Pancreatic
PROC – Procedure
Lymp – Lymph node dissection
Supplemental Digital Content 2 (Page 2):
Steps involved in setting up the algorithm used in Figure 1 of the manuscript to determine the appropriate preoperative blood orders for a given category of surgical procedure

Step 1

If $5 \leq \% \text{Transfused}$ then "$\%\text{Tx} \geq 5$"
else "$\%\text{Tx} \text{ less than } 5$"

If Units/Patient $\geq 0.3$ then "$\text{TI greater than } 0.3$"
else "$\text{TI < } 0.3$"

If Median EBL $> 50$ then "EBL > 50"
else "EBL less than = 50"

Step 2

% $\text{Tx} \geq 5\%$ == "$\%\text{Tx} \geq 5$"
& $\text{TI} \geq 0.3$ == "$\text{TI greater than } 0.3$"
& $\text{EBL} \geq 50$ == "EBL > 50"
else

Step 3

% $\text{Tx} \geq 5\%$ == "$\%\text{Tx} \text{ less than } 5$"
& $\text{TI} \geq 0.3$ == "$\text{TI < } 0.3$"
& $\text{EBL} > 50$ == "EBL less than = 50"
& Risk of big bleed == "no blood orders"
else

Step 4

No Blood order (TI 0.3) == "no blood orders" then "no sample"
else

Legend:
Def – Definite
EBL – Estimated blood loss
N - No
T/C – Type and crossmatch
TI = Transfusion index
T/S – Type and screen
Tx - Transfused
“If, Then” function in Excel to use the algorithm described in Figure 1 of the manuscript

**MS Excel: Nested IF Functions (WS)**

It is possible to nest multiple IF functions within one Excel formula. You can nest up to 7 IF functions to create a complex IF THEN ELSE statement.

The syntax for the nesting the IF function is:

```
IF( condition1, value_if_true1, IF( condition2, value_if_true2, value_if_false2 ))
```

This would be equivalent to the following IF THEN ELSE statement:

```
IF condition1 THEN
  value_if_true1
ELSEIF condition2 THEN
  value_if_true2
ELSE
  value_if_false2
END IF
```

This syntax example demonstrates how to nest two IF functions. You can nest up to 7 IF functions.

*condition* is the value that you want to test.

*value_if_true* is the value that is returned if *condition* evaluates to TRUE.

*value_if_false* is the value that is return if *condition* evaluates to FALSE.