Shaded entries here are all continuous exposure periods except the circled entries Red font indicates that the entry is an "assumed" end date.
Green font indicates it is taken from the start of the next record.

The first two Haloperidol dispensed for this patient are > 30 days apart. Therefore we assign an exposure end date of t + 30 days in the transformed data

These two Haloperidol refills are within 30 days of each other, so the exposure end date of one is set to the exposure start of the next row.

		RAW DATA (Excluding Duplicate Meds on the same day)				ıy)	TRANSFORMED DATA (Using 30-day Grace Period)				
		+									
mbun	exposure_start	exposure	_end	drug_code	drug_desc		mbun	exposure_start	exposure_end	drug_code	drug_desc
1	11-Oct-12	11	L-Oct-12	N05AD01	HALOPERIDOL		1	11-Oct-12	10-Nov-12	N05AD01	HALOPERIDOL
1	7-Dec-12	7	'-Dec-12	N05AD01	HALOPERIDOL		1	7-Dec-12	26-Dec-12	N05AD01	HALOPERIDOL
1	26-Dec-12	26	-Dec-12	N05AD01	HALOPERIDOL		1	26-Dec-12	25-Jan-13	N05AD01	HALOPERIDOL
1	26-Apr-13	26	5-Apr-13	N05AD01	HALOPERIDOL		1	26-Apr-13	26-May-13	N05AD01	HALOPERIDOL
1	5-Sep-13	5	-Sep-13	N05AD01	HALOPERIDOL		1	5-Sep-13	3-Oct-13	N05AD01	HALOPERIDOL
1	3-Oct-13	3	3-Oct-13	N05AD01	HALOPERIDOL		1	3-Oct-13	24-Oct-13	N05AD01	HALOPERIDOL
1	24-Oct-13	24	1-Oct-13	N05AD01	HALOPERIDOL		1	24-Oct-13	23-Nov-13	N05AD01	HALOPERIDOL
1	11-Oct-12	11	L-Oct-12	N05AH03	OLANZAPINE		1	11-Oct-12	10-Nov-12	N05AH03	OLANZAPINE
1	7-Dec-12	7	'-Dec-12	N05AH03	OLANZAPINE		1	7-Dec-12	26-Dec-12	N05AH03	OLANZAPINE
1	26-Dec-12	26	-Dec-12	N05AH03	OLANZAPINE		1	26-Dec-12	25-Jan-13	N05AH03	OLANZAPINE
1	7-Aug-14	7	-Aug-14	№05AH03	OLANZAPINE		1	7-Aug-14	13-Aug-14	N05AH03	OLANZAPINE
1	13-Aug-14	13	-Aug-14	N05AH03	OLANZAPINE		1	13-Aug-14	17-Aug-14	N05AH03	OLANZAPINE
1	17-Aug-14	17	-Aug-14	N05AH03	OLANZAPINE		1	17-Aug-14	16-Sep-14	N05AH03	OLANZAPINE
1	7-Aug-14	7	-Aug-14	N05AH04	QUETIAPINE		1	7-Aug-14	13-Aug-14	N05AH04	QUETIAPINE
1	13-Aug-14	13	-Aug-14	N05AH04	QUETIAPINE		1	13-Aug-14	17-Aug-14	N05AH04	QUETIAPINE
1	17-Aug-14	17	-Aug-14	N05AH04	QUETIAPINE		1	17-Aug-14	16-Sep-14	N05AH04	QUETIAPINE
1	22-Jun-13	22	2-Jun-13	N05AX12	ARIPIPRAZOLE		1	22-Jun-13	22-Jul-13	N05AX12	ARIPIPRAZOLE
1	5-Sep-13	5	-Sep-13	N05AX12	ARIPIPRAZOLE		1	5-Sep-13	19-Sep-13	N05AX12	ARIPIPRAZOLE
1	19-Sep-13	19	-Sep-13	N05AX12	ARIPIPRAZOLE		1	19-Sep-13	2-Oct-13	N05AX12	ARIPIPRAZOLE
1	2-Oct-13	2	2-Oct-13	N05AX12	ARIPIPRAZOLE		1	2-Oct-13	17-Oct-13	N05AX12	ARIPIPRAZOLE
1	17-Oct-13	17	7-Oct-13	N05AX12	ARIPIPRAZOLE		1	17-Oct-13	2-Nov-13	N05AX12	ARIPIPRAZOLE
1	2-Nov-13	2-	-Nov-13	N05AX12	ARIPIPRAZOLE		1	2-Nov-13	2-Dec-13	N05AX12	ARIPIPRAZOLE

These two are not continuous, There is a 2 year gap almost. The 2-year gap is broken Into separate exposure pieces