Instructions for MovingSource simulation
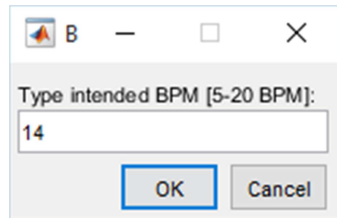
1.- DICOM export the VMAT plan **WITHOUT set-up fields** (only treatment fields with defined MUs, i.e. a calculated plan)
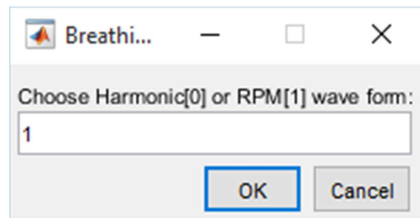
2.- Press button **MovingSrc** and select the running parameters:

- Intended **B**eats**P**er**M**inute (BPM): the software will approximate the intended BPM at <5% without distorting MLC trajectories.
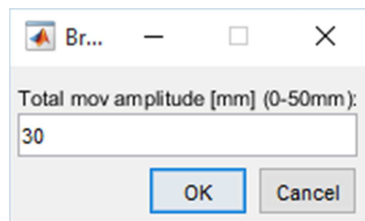

- Type of Breathing trace: Harmonic [0] or Realistic (RPM-like) [1].
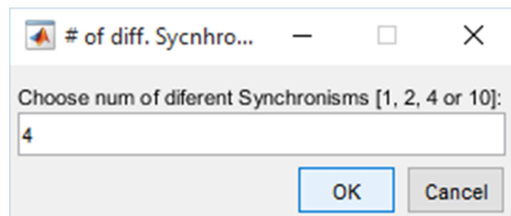
- Total movement amplitude (peak to peak) in **millimeters [mm]**.

- Number of different synchronisms (different starting points evenly sampled on period), only choices are 1, 2, 4 or 10.

- After selecting the destination folder, the program start to build ans save the different plans (1 for each synchronism). The DICOM saving takes about 5minutes time, so be patient. The Barwon Health logo will change color after each plan saving indicating process progress.
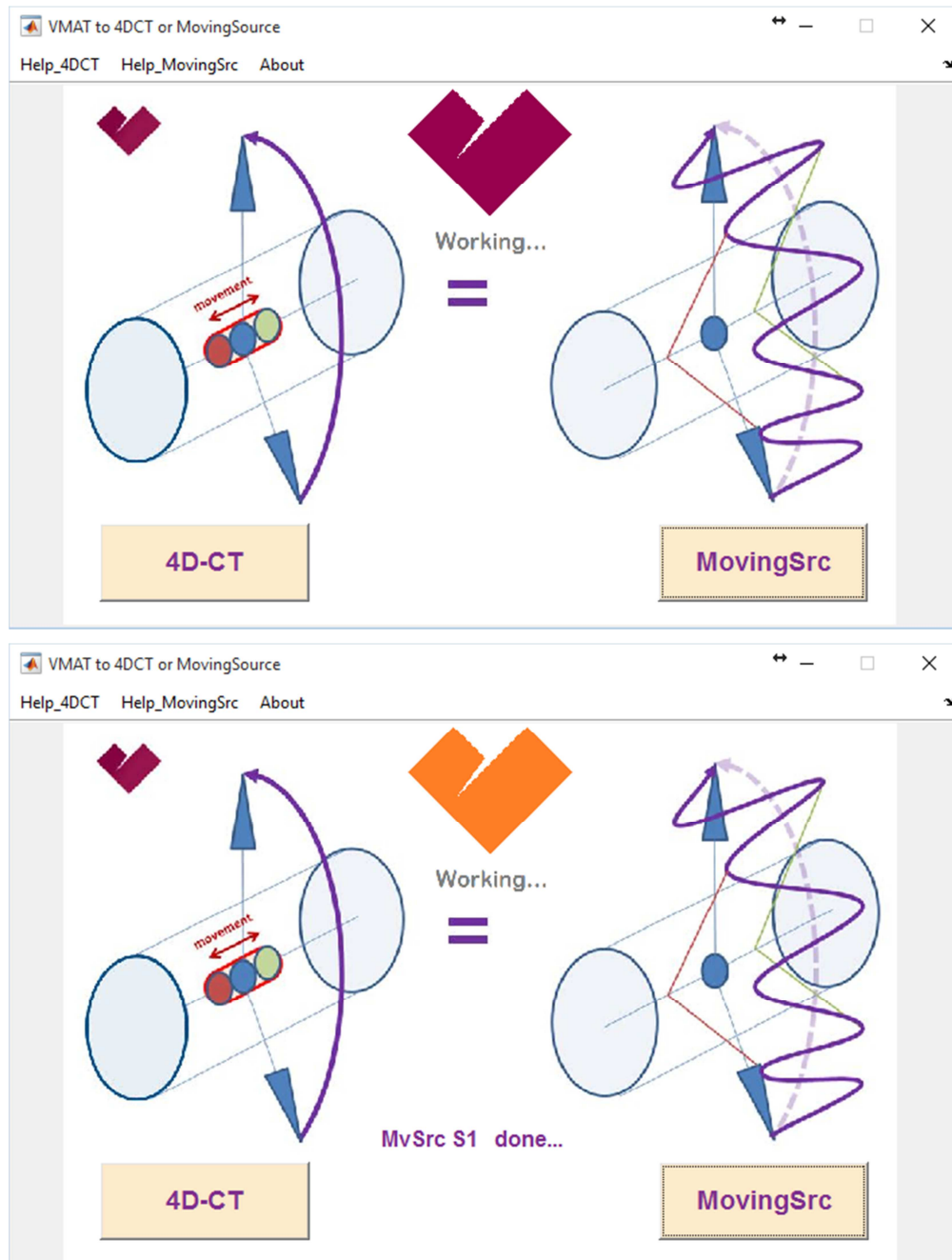
- After first plan saving, messages windows will pop-up with information about the realized BPM for each arc on the plane and stating the number of control points which were used for on each fraction of period.
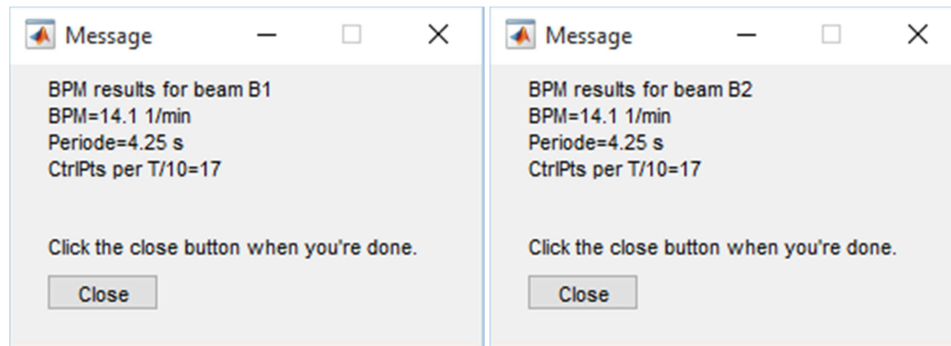
- At the end the Barwon Health logo will be changed into a green check mark. Plans will be on the selected output folder.