12.1   Main innovations in autoISF 3.0

- You do not use an iobTH Automation but set the default iobTH as a **percentage of iobMAX,** and tune in a **dynamic iobTH** (settings in /preferences)

- **Automations** now come with a couple of autoISF related parameters for conditions and actions, making management of time blocks without aggressive autoISF much easier.

- **Exercise management** has received a couple of upgrades that **auto-adjust** insulin sensitivity ratio and iobTH. Also it provides the option to link into a **stepcounter** for activity monitoring.

- *(not yet fully developed)* **FCL cockpit**. FCL is basically about <u>not</u> interfering with your loop. But for the occasional need (especially in a sports context) the AAPS main screen shows you at a glance the aggressiveness you are running in, and offers opportunity to temporarily soften or tighten it, within just a second or two.

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- *(not yet fully developed)* „**Emergency exit**". Beginners may appreciate the ease to turn back into hybrid closed loop by just pressing the **loop icon** in the AAPS main screen.. (Same goes for re-entry into FCL, of course). HCL would be with some autoISF functions (maybe you even came to FCL from HCL using dura_ISF from autoISF already), but because you are back making meal boli again, the meal

   detection+bgAccel_ISF part is off when you exit.

- *(not yet fully developed)* „**Emergency brake**". Users can temporarily block their loop from giving additional SMBs, by just pressing the loop icon and pressing one of the **SUSPEND SMB** (x min) buttons.

12.2   Implications on your previous tuning

Except for iobTH, most other settings from using a previous autoISF version can remain intact.

However, the new version may do a slightly better job. Especially **if you notice** in your %TIR statistics **more low outliers**, you may want to check out whether operating a 90%profile, or temp. taking back your set SMB_delivery_ratio by ~ 10%, gets better results.

If so, you might want to shave off 10% from the core autoISF settings, and soon revert to your 100% profile and to your prior SMB_delivery_ratio.