



From Design to Full Production of Medical Device

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Disclosures

I have no financial relationships to disclose concerning the content of this presentation or session.



From Design to Full Production

| **NPD** Design for manufacture (DFM) review and pre-process failure mode effect analysis (Pre-PFMEA), which provide a clear process flow diagram (PFD), assembly steps, critical stages and identify test processes. This preliminary stage removes major barriers at the initial mass production stage.

| **NPI** Preliminary production portfolio comprising descriptions of the full production process, engineering conclusions, expected challenges and recommendations for production. These advanced processes enable a seamless product transfer from design to production, which ultimately leads to significantly increased efficiency and reduced costs.

| **Mass production** Consistency and quality mass production, compound by robust assembly processes.



QUASAR

| A fully owned manufacturing facility in China, engineering offices in Israel and headquarters' in Hong Kong

| Specializes in comprehensive turnkey solutions

| Quasar's customers include **Johnson & Johnson, Medtronic**

| Full partnership through the entire manufacturing process



Market Segments

| **Catheters** Highly specialized, minimally invasive medical catheters.

Cardio vascular catheters

| **Medical devices** Complex medical devices that require highly skilled manual assembly.

Blood pressure monitors, Pulse oximeters

| **Disposables** Superior quality, single-use medical devices.

Respiratory tube sets, aesthetic tips



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