



## HOW TO USE MEDISCA BASES

Medisca bases are designed to incorporate APIs (Active Pharmaceutical Ingredients) directly with or without the aid of a levigating agent. However, not all bases are physically compatible with all APIs. On the issue of physical compatibility, the bases can be divided into three levels: Salt intolerance; Moderate salt tolerance; and Salt tolerance.

Salt intolerated bases include HRT Cream Base, HRT Gel Base, Hydrogel, Lipo Cream Base, Medihol Gel Base and Unbreakable Cream. These bases can be used to incorporate APIs such as corticosteroids and their ester derivatives (excluding the sodium phosphate salt forms), hormones (estradiol, estriol, estrone, progesterone and testosterone) as well as certain API sodium salt forms, such as diclofenac sodium. One exception, hydroquinone, can be used only with HRT Cream Base or Lipo Cream Base.

Moderate salt tolerated bases include Mediderm Cream Base and Transdermal PLO Cream. These bases can be used to incorporate APIs and moderate quantities of their corresponding salt forms. List of APIs (salt forms) can be found below in the salt tolerated bases.

Salt tolerated bases include Emulsibase (emulsifying ointment base), Polypeg (Suppository base), Witepsol H-15 and PLO Gel (20% and 30%). These bases can be used to incorporate APIs and their corresponding salt forms. Typical APIs (salt forms) include Clindamycin HCl & phosphate, Bezocaine HCl, Lidocaine HCl, Tetracaine HCl.

Other APIs and their incorporation into the appropriate Medisca base can be evaluated based on the above examples. Once physical compatibility has been established, one must then choose the appropriate base for the intended therapy as different bases may differ in their penetrating capabilities and thereby drug delivery to the site of action (local versus systemic).

**Remember, Choose Your MEDISCA Bases Accordingly!**