

Table 1: Different Designs of Transdermal Drug Delivery Systems

Matrix Type	Drug Names	Indication	Cutting: Yes, No, Maybe, Unclear
Drug-In-Adhesive Type	Rivastigmine (Exelon®)	Mild to moderate dementia of Alzheimer's or Parkinson's disease.	NO
	Diclofenac (Flector®)	Acute sprains, strains, and contusions.	MAYBE
	Estradiol [Alora® Climara® Escim® Menostar® Vivelle® Vivelle Dot®]	Post-menopausal symptoms.	UNCLEAR
	Estradiol & Levonorgestrel [Climara Pro®]	Moderate to severe vasomotor symptoms associated with menopause.	NO
	Estradiol & Norethindrone [CombiPatch®]	Post-menopausal symptoms.	NO
	Ethinyl Estradiol & Norelgestromin [Ortho Evra®]	Contraception.	NO
	Granisetron [Sancuso®]	Nausea and vomiting for patients receiving some types of chemotherapy.	NO
	Lidocaine [Lidoderm®]	Pain associated with post-herpetic neuralgia.	YES
	Methylphenidate [Daytrana®]	Attention Deficit Hyperactivity Disorder.	NO
	Nitroglycerin [Nitro-Dur® Minitran®]	Angina pectoris due to coronary artery disease.	MAYBE
	Oxybutynin [Oxytrol®]	Overactive bladder.	MAYBE
	Selegiline [Emsam®]	Major depressive disorder.	NO
Reservoir Type	Estradiol [Estraderm®]	Post-menopausal symptoms.	NO
	Fentanyl [Duragesic®]	Persistent moderate to severe chronic pain.	NO
	Nicotine [Nicoderm CQ® Habitrol®]	Smoking cessation.	NO
	Scopolamine [Transderm-Scop®]	Nausea and vomiting from motion sickness.	NO
	Testosterone [Androderm®]	Testosterone replacement therapy.	NO
Micro-Reservoir Type	Clonidine [Catapres TTS®]	Hypertension.	MAYBE
Drug Reservoir & Heat System	Lidocaine & Tetracaine [Synera®]	Local dermal analgesia for superficial venous access and superficial dermatological procedures.	NO
Drug Reservoir & Iontophoresis	Fentanyl [Ionsys®]	Acute postoperative pain in adult patients requiring opioid analgesia during hospitalization.	NO

Yes = Cutting is permissible. No = Do NOT cut. Maybe = Cutting reported in *both* practice and studies. Unclear = Cutting reported in studies *only*.

\*Table information adapted from journal articles, FDA drug labels, product manufacturer and consult with Zhengrong Cui, Ph.D. from Oregon State University.