Attention-Deficit/Hyperactivity Disorder (ADHD) Medications								
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System			
		Methylph	enidate (MPH) -	Immediate-Release				
Methylin 5 mg/5 mL 10 mg/5 mL U.S. Food and Drug Administration (FDA) approved age: Age 6 years and older	Initial: 5 mg twice daily (BID) (6 years to 17 years) 10 mg BID to three times daily (TID) (18 years and older) Titration: 5 to 10 mg weekly	FDA: 60 mg	3 to 5 hours	 Take 30 to 45 minutes before meal Grape-flavored 	Immediate-release solution Bioequivalent to MPH tablets			
Methylin 2.5 mg, 5 mg, 10 mg FDA approved age: Age 6 years and older Ritalin 5 mg, 10 mg, 20 mg FDA approved age: Age 6 years and older	Initial: 5 mg BID (6 years to 17 years) 10 mg BID to TID (18 years and older) Titration: 5 to 10 mg weekly Initial: 5 mg BID (6 years to 17 years) 10 mg BID to TID (18 years and older) Titration: 5 to 10 mg	FDA: 60 mg	3 to 5 hours 3 to 5 hours	Take chewable tablet with at least 8 oz of fluid at least 30 to 45 minutes before a meal Grape-flavored Take 30 to 45 minutes before meal	Immediate-release tablets Chewable Bioequivalent to MPH tablets Immediate-release			
	weekly		MDII Lana	A ation				
Adhansia XR 25 mg, 35 mg, 45 mg, 55 mg, 70 mg, 85 mg FDA approved age: Age 6 years and older	Initial: 25 mg once a day in the morning (QAM) Titration: 10 to 15 mg after at least 5 days	FDA: (85 mg (children and adolescents) 100 mg (adults)	MPH - Long- 12 hours	May open capsule and sprinkle on applesauce, then should be taken immediately without chewing	Capsules contain multi-layered beads: • Immediate-release layer that contains approximately 40% of the MPH dose • Controlled-release layer that contains approximately 80% of the MPH dose			
Aptensio XR 10 mg, 15 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg FDA approved age: Age 6 years and older	Initial: 10 mg QAM Titration: 10 mg	FDA: 60 mg	12 hours	May open capsule and sprinkle on applesauce, then should be taken immediately without chewing	Capsules contain multi layered beads: • Immediate-release layer that contains approximately 40% of the MPH dose • Controlled-release layer that contains approximately 60% of the MPH dose			

	ADHD Medications								
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System				
		MP	H - Long-Acting	(Continued)					
Concerta 18 mg, 27 mg, 36 mg, 54 mg Relexxii 72 mg FDA approved age: Age 6 years and older	Initial: 18 mg QAM (6 years to 17 years) 18 to 36 mg QAM (18 years and older) Titration: 18 mg	FDA: 54 mg (children) 72 mg (adolescents and adults)	12 hours	 Must be taken with fluid; swallow whole Empty tablet shell may be seen in stool A 72-mg dose is often more cost-effective when prescribed as two 36 mg tablets per dose 	Osmotic delivery system surrounded by a semipermeable membrane with an immediate-release drug overcoat 22% of total MPH available for immediate- release in drug coating				
Cotempla XR-ODT 8.6 mg, 17.3 mg, 25.9 mg FDA approved age: Age 6 years to 17 years	Initial: 17.3 mg QAM Titration: Weekly increments of 8.6 to 17.3 mg	FDA: 51.8 mg	12 hours	 Allow to disintegrate on tongue without chewing or crushing Grape-flavored 	Comprises two types of MPH: • 25% immediate-release MPH • 75% extended-release MPH				
Daytrana 10 mg/9 hours 15 mg/9 hours 20 mg/9 hours 30 mg/9 hours FDA approved age: Age 6 years to 17 years	Initial: 10 mg/ 9 hours Titration: Increase to next available patch strength if tolerated/response not achieved	FDA: 30 mg/9 hours	12 hours (with 9 hours patch wear)	 Do not cut patch Apply at the same time each day two hours before effect is needed and wear for nine hours; effect persists three hours after removal Apply to a clean, dry area of the hip, then hold in place for 30 seconds. Change application site daily Do not expose application site to external heat sources (e.g., heating pads) After removal, used patch should be folded so that it adheres to itself and flushed down the toilet or disposed of in a secure lidded container 	Transdermal delivery system with 3 layers: • Protective film removed prior to application • Matrix delivery system with MPH embedded into the adhesive for controlled-release • Outside backing				

	ADHD Medications									
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System					
	MPH - Long-Acting (Continued)									
Jornay PM 20 mg, 40 mg, 60 mg, 80 mg, 100 mg FDA approved age: Age 6 years and older	Initial: 20 mg in the evening The first dose should be administered at 8pm. Then adjust timing of administration between 6:30pm and 9:30pm to optimize the tolerability and efficacy the next morning and throughout the day. Titration: 20 mg	FDA: 100 mg	Peak concentration occurs 14 hours after dose with gradual decline throughout the rest of the day	 Can be taken whole or opened to sprinkle contents onto applesauce, then taken immediately without chewing If an evening dose is missed, dose should not be administered the following morning 	Capsules contain beads with 2 functional film coatings: Outer delayed-release coating that delays the initial release of MPH Inner extended-release coating controls release throughout the day due to the slow absorption in the colon No more than 5% of drug is available within first 10 hours after dosing					
Metadate CD 10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg FDA approved age: Age 6 years and older	Initial: 20 mg QAM Titration: 10 to 20 mg weekly	FDA: 60 mg	8 hours	 Take before breakfast May open and sprinkle over applesauce and take without chewing, followed by a drink of water Capsules or contents cannot be chewed or crushed Avoid alcohol due to effects to the drug release properties 	Capsule contains: • 30% immediate-release beads • 70% extended-release beads					
Metadate ER 10 mg and 20 mg FDA approved age: Age 6 years and older	Initial: Replace immediate- release tablets when the 8-hour dosage corresponds to extended- release tablet size. Titration: 10 mg every 3 to 7 days	FDA: 60 mg	8 hours	Take 30 to 45 minutes before a meal Swallow whole and never crush or chew	Extended-release tablets					
QuilliChew ER 20 mg, 30 mg, 40 mg FDA approved age: Age 6 years and older	Initial: 20 mg QAM Titration: 10, 15, 20 mg weekly	FDA: 60 mg	8 hours	 May be cut in half (20- and 30-mg tablets are scored). Cherry-flavored 	Tablets contain: • 30% immediate-release MPH • 70% extended-release MPH Drug is released from sodium polystyrene sulfonate particles via ion exchange.					

	ADHD Medications								
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System				
		MP	H - Long-Acting	(Continued)					
Quillivant XR 25 mg/5 mL FDA approved age: Age 6 years and older	Initial: 20 mg QAM Titration: 10 to 20 mg weekly	FDA: 60 mg	12 hours	 Must be reconstituted by pharmacist Shake vigorously for at least 10 seconds prior to dose Bottle sizes are 60, 120, 150, and 180 mL Banana-flavored Stable at room temperature for up to 4 months after reconstitution Avoid alcohol 	Oral solution contains: • 20% immediate-release • MPH 80% extended-release MPH				
Ritalin LA 10 mg, 20 mg, 30 mg, 40 mg FDA approved age: Age 6 years to 12 years	Initial: 20 mg QAM Titration: 10 mg weekly	FDA: 60 mg	6 to 9 hours	 May open and sprinkle over cool applesauce and take immediately, then followed with a drink of water Patients should avoid alcohol while taking this medication 	Capsules contain: • 50% immediate-release beads • 50% enteric-coated, delayed-release beads				
		Dexmeth	nylphenidate - In	nmediate-Release					
Focalin 2.5 mg, 5 mg, 10 mg FDA approved age: Age 6 years and older	Initial: 2.5 mg BID Titration: 2.5 to 5 mg weekly	FDA: 20 mg	3 to 5 hours	 Take at least 4 hours apart without regard to meals D-threo enantiomer of racemic methylphenidate If converting from MPH, use half of total daily dose 	Immediate-release tablets				
		Dexn	nethylphenidate	- Long-Acting					
Focalin XR 5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg, 35 mg, 40 mg FDA approved age: Age 6 years and older	Initial: 5 mg QAM (6 years to 17 years) 10 mg QAM (18 years and older) Titration: 5 mg weekly (6 years to 17 years) 10 mg weekly (18 years and older)	FDA:30 mg (6 years to 17years) 40 mg (18 years and older)	8 to 12 hours	May open and sprinkle over applesauce, then take immediately without chewing	Capsules contain: • 50% immediate-release beads • 50% enteric-coated, delayed-release beads				

	ADHD Medications								
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System				
		Dexm	ethylphenidate	- Long-Acting					
Azstarys 26.1 mg/5.2 mg 39.2 mg/7.8 mg 52.3 mg/ 10.4 mg FDA approved age: Age 6 years and older	Initial: 6 to 12 years: 39.2/7.8 mg QAM Titration: After 1 week, increase to 52.3/10.4 mg or decrease to 26.1/5.2 mg based on response and tolerability Initial: 13 years and older: 39.2/7.8 mg QAM Titration: Increase to 52.3/10.4 mg after 1 week	FDA: 52.3 mg/10.4 mg	10 to 13 hours	 May open capsule and sprinkle on applesauce or into 2 oz. (50 mL) of water and then take immediately Commercially available doses of this medication roughly correspond to 20, 30, or 40 mg of dexmethylphenidate hydrochloride 	Capsules contain fixed molar ratios: • 30% dexmethylphenidate (immediaterelease) • 70% serdexmethylphenidate (prodrug) converted to dexmethylphenidate slowly over several hours				

	ADHD Medications									
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System					
	Mixed Amphetamine Salts - Immediate-release									
Adderall 5 mg, 7.5 mg, 10 mg, 12.5 mg, 15 mg, 20 mg, 30mg FDA approved age: Age 3 years and older	Initial: 3 years to 5 years: 2.5 mg daily 6 years and older: 5 mg daily or BID Titration: 3 years to 5 years: 2.5 mg weekly 6 years and older: 5 mg weekly	FDA: 40 mg	6 hours (dose- dependent)	Can be dosed daily to TID, 4 to 6 hours apart	 Immediate-release tablets Combination of all 4 amphetamine salts in equal parts by weight 					
		Mixed Amp	hetamine Salts	- Immediate-release						
Adderall XR 5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg FDA approved age: Age 6 years and older	Initial: 10 mg QAM (6 years to 17 years) 20 mg QAM (18 years and older) Titration: 5 to 10 mg weekly (6 years to 12 years) 20 mg weekly (13 years and older)	FDA: 30 mg (6 years to 12 years) 20 mg (13 years and older)	10 to 12 hours	May open and sprinkle over applesauce and taken immediately without chewing Patients taking divided doses of immediate-release mixed amphetamine salts,(for example, twice daily), may be switched to mixed amphetamine salts, extended-release at the same total daily dose taken once daily	Capsules contain: 50% immediate-release beads 50% delayed-release beads Combination of all 4 amphetamine salts in equal parts by weight					

	ADHD Medications									
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System					
Mydayis 12.5 mg, 25 mg, 37.5 mg, 50 mg FDA approved age: Age 13 years and older	Initial: 12.5 mg QAM upon awakening (13 years to 17 years) 12.5 to 25 mg QAM upon awakening (18 years to 55 years) Titration: 12.5 mg weekly	FDA: 25 mg (13 years to 17years) 50 mg (18 years to 55 years)	16 hours	 May open and sprinkle over applesauce and take immediately without chewing Due to potential for insomnia (up to 16-hour duration), ensure administration upon awakening in the morning If dose is missed, do not administer later in the day 	Capsules contain 3 types of beads: Immediate-release beads Delayed-release beads release at pH 5.5 Delayed-release beads release at pH 7.0 Labeling states that 37.5 mg capsule provides similar blood concentrations to 25 mg extended-release capsule followed by 12.5 mg immediate-release tablet taken eight hours later.					

	ADHD Medications									
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System					
		Dextroa	mphetamine - In	nmediate-release						
ProCentra 5 mg/5 mL FDA approved age:	Initial: 2.5 mg daily (3 years to 5 years) 5 mg daily to BID (6 years to 16 years)	FDA: 40 mg, rarely higher	4 to 6 hours	Bubble gum-flavoredIf dividing doses, separate by 4 to 6 hours	Immediate-release solution					
Age 3 years to 16 years	Titration: 2.5 mg weekly (3 years to 5 years)									
	5 mg weekly (6 years to 16 years)									
Zenzedi 2.5 mg, 5 mg, 7.5 mg, 10 mg, 15 mg, 20 mg, 30 mg	Initial: 2.5 mg daily (3 years to 5 years) 5 mg daily to BID (6 years to 16 years)	FDA: 40 mg, rarely higher	4 to 6 hours		Immediate-release tablet					
FDA approved age: Age 3 years to 16 years	Titration: 2.5 mg weekly (3 years to 5 years) 5 mg weekly									
	Dextroamphetamine - Long-Acting									
Dexedrine Spansule 5 mg, 10 mg, 15 mg FDA approved age: Age 6 years to 16 years	Initial: 5 mg once daily (QD) to BID Titration: 5 mg weekly	FDA: 40 mg, rarely higher	6 to 8 hours		Spansule contains an initial dose released promptly, and the remaining medication is released gradually over prolonged period					

ADHD Medications										
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System					
Xelstrym 4.5 mg/9 hours, 9 mg/9 hours, 13.5 mg/9 hours, 18 mg/9 hours FDA approved age: Age 6 years and older	Initial: 4.5 mg/ 9 hours (6 years to 17 years) 9 mg/9 hours (adults) Titration: 4.5 mg weekly (6 years to 17 years)	FDA: 18 mg/9 hours	9 hours	 Apply system 2 hours before an effect is needed and remove within 9 hours Apply system to clean, dry, intact skin to any of the following application sites: hip, upper arm, chest, upper back, or flank Select a new application site each time a new system is applied Wash hands if adhesive side of transdermal system is touched Upon removal, fold transdermal system so that the adhesive side of the system adheres to itself and placed in a lidded container. System should not be flushed down the toilet Do not expose application site to external heat sources (e.g., heating pads) 	Translucent transdermal delivery system with three layers. • The first layer is an oversized protective silicone-coated, polyester release liner that is removed and discarded before applying. • A second acrylic adhesive matrix containing dextroamphetamine. • A third polyester and polyurethane laminate film layer (backing).					

			ADHD Medic	ations	
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System
		Amph	etamine - Imme	ediate-Release	
Desoxyn 5 mg FDA approved age: Age 6 years and older	Initial: 5 mg daily to BID Titration: 5 mg weekly	FDA: 25 mg	4 to 5 hours	Insulin requirements in diabetes mellitus may be altered with use Teratogenic	Immediate-release tablets (methamphetamine)
Evekeo 5 mg, 10 mg FDA approved age: Age 3 years to 17 years Evekeo ODT 2.5 mg, 5 mg, 10 mg, 15 mg, 20 mg FDA approved age: Age 3 years to 17 years	Initial: 2.5 mg daily (3 years to 5 years) 5 mg daily to BID (6 years to 17 years) Titration: 2.5 mg weekly (3 years to 5 years) 5 mg weekly (6 years to 17 years) Initial: 2.5 mg daily (3 years to 5 years) 5 mg daily to BID (6 years to 17 years) Titration: 2.5 mg weekly (3 years to 5 years) 5 mg weekly (6 years to 17 years)	FDA: 40 mg, rarely higher FDA: 40 mg, rarely higher	At least 9.25 hours	Give dose on awakening and additional doses (1 to 2) at intervals of 4 to 6 hours Tablet should be placed on tongue and allowed to disintegrate, do not crush or chew	Immediate-release tablets in a 1:1 ratio of dextroamphetamine/levoamphetamine Orally disintegrating tablet in a 1:1 ratio of dextroamphetamine/levoamphetamine
		Aı	nphetamine - Lo	ong-Acting	
Adzenys XR-ODT 3.1 mg, 6.3 mg, 9.4 mg, 12.5 mg, 15.7 mg, 18.8 mg FDA approved age: Age 6 years and older	Initial: 6.3 mg QAM (6 years to 17 years) 12.5 mg once daily (QD) (18 years and older) Titration: 3.1 to 6.3 mg weekly (6 years to 17 years)	FDA: 18.8 mg (6 years to 12 years) 12.5 mg (13 years and older)	13 hours	 Tablet should be placed on tongue and allowed to disintegrate, do not crush or chew Orange-flavored Product is dosed as amphetamine base and is not interchangeable with other amphetamine salts on a milligram-per-milligram basis 	 Orally disintegrating tablet in a 3:1 ratio of dextroamphetamine/levoamphetamine Tablets contain: 50% immediate-release 50% delayed-release

	ADHD Medications									
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System					
Dyanavel XR 2.5 mg/mL FDA approved age: Age 6 years and older	Initial: 2.5 to 5 mg QAM Titration: 2.5 to 10 mg every 4 to 7 days	FDA: 20 mg	13 hours	 Do not mix with food/liquid Bubble gum-flavored Store at room temperature Shake vigorously before dosing and administration Onset in as little as 1 hour Product is dosed as amphetamine base and is not interchangeable with other amphetamine salts on a milligram-per-milligram basis 	 Extended-release suspension Each 1 mL contains: 2 mg of amphetamine (in a 3.2 to 1 ratio of dextroamphetamine to levoamphetamine complexed with sodium polystyrene sulfonate) 0.5 mg amphetamine (present as 0.3 mg of amphetamine aspartate and 0.5 mg of dextroamphetamine sulfate) 					

ADHD Medications									
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System				
Dyanavel XR 5 mg, 10 mg, 15 mg, 20 mg FDA approved age: Age 6 years and older	Initial: 2.5 to 5 mg QAM Titration: 2.5 to 10 mg every 4 to 7 days	FDA: 20 mg	13 hours	 May be chewed or swallowed whole 5 mg tablets are scored for easy splitting Bubble gum-flavored Onset of action in as little as 1 hour Product is dosed as amphetamine base and is not interchangeable with other amphetamine salts on a milligram-per-milligram basis 	Extended-release tablets contain immediate-release and extended-release components: 80% amphetamine (present as 3.2 to 1 ratio of dextroamphetamine to levoamphetamine complexed with sodium polystyrene sulfonate) 20% amphetamine (present as 0.7:1 ratio amphetamine aspartate to dextroamphetamine sulfate)				
		Lisd	lexamfetamine -	· Long-Acting					
Vyvanse 10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg, 70 mg FDA approved age: Age 6 years and older	Initial: 30 mg QAM Titration: 10 to 20 mg weekly	FDA: 70 mg	10 to 12 hours (up to 14 hours adults)	May open capsule and add to yogurt, or orange juice. Must completely disperse by mixing prior to consuming mixture. Take immediately after mixing	 Capsule Lisdexamfetamine dimesylate: prodrug of dextroamphetamine Labeling states that product is activated primarily by red blood cells 				

ADHD Medications						
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System	
Vyvanse 10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg FDA approved age: Age 6 years and older	Initial: 30 mg QAM Titration: 10 to 20 mg weekly	FDA: 70 mg	10 to 12 hours (up to 14 hours adults)	Must be chewed thoroughly before swallowing Strawberry-flavored	 Chewable tablet Lisdexamfetamine dimesylate: prodrug of dextroamphetamine Labeling states that product is activated primarily by red blood cells 	
		Non-	-Stimulants - Al	pha₂ Agonists		
Kapvay 0.1 mg FDA approved age: Age 6 years to 17 years	Initial: 0.1 mg at bedtime Titration: 0.1 mg weekly	FDA: 0.4 mg/day	10 to 12 hours	 Can be added in to a psychostimulant (dose adjustment of stimulant can occur) Do not crush, split, break, or chew Daily doses above 0.1 mg should be divided into twice-daily dosing, with either an equal or higher dosage being given at bedtime When discontinuing, taper the dose in decrements of no more than 0.1 mg every 3 to 7 days to avoid rebound hypertension 	Extended-release clonidine tablets	

	ADHD Medications						
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System		
Intuniv 1 mg, 2 mg, 3 mg, 4 mg FDA approved age: Age 6 years to 17 years	Initial: 1 mg/day QAM or once a day in the evening (QPM) Titration: No more than 1 mg/week to a target dose of 0.05-0.12 mg/kg/day based on clinical response and tolerability	FDA: 4 mg (6 years to 12 years) 7 mg (13 years to 17 years)	8 to 12 hours	 Do not crush/break/chew Do not take with high-fat meal Immediate-release and extended-release formulations are not interchangeable on a mg to mg basis When discontinuing, taper the dose in decrements of no more than 1 mg every 3 to 7 days to avoid rebound hypertension 	Extended-release guanfacine tablets		
	Non-Stimulants - Norepinephrine Reuptake Inhibitors						
Strattera 10 mg, 18 mg, 25 mg, 40 mg, 60 mg, 80 mg, 100 mg FDA approved age: Age 6 years and older	<70kg: 0.5 mg/kg/day QAM for 3 days, then can be increased to 1.2mg/kg ≥70kg: 40 mg/day for 3 days, then 80 mg/day	FDA: <70kg: 1.4 mg/kg ≥70kg: 100 mg	24 hours	 Do not crush, chew, or open capsule (contents of capsule are ocular irritants) CYP2D6 substrate Associated with hepatotoxicity Boxed Warning: may increase suicidal ideation in children and adolescents Effect may take up to 2 to 8 weeks Can be administered either as a single daily dose in the morning or as evenly divided doses in the morning and late afternoon/early evening. Some pharmacy plans may limit to one capsule per day 	Atomoxetine immediate-release capsules		

ADHD Medications								
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System			
Qelbree 100 mg, 150 mg, 200 mg FDA approved age: Age 6 years to 17 years	Initial: 100 mg daily (6 years to 11 years) 200 mg daily (12 years to 17 years) Titration: 100 mg weekly (6 years to 11 years) 200 mg weekly (12 years to 17 years)	FDA: 400 mg	24 hours	 May be sprinkled over applesauce and consumed without chewing within 2 hours CYP1A2 inhibitor; increases area under the curve (AUC) of caffeine per labeling 	Extended-release viloxazine capsules			
	Off-Label Medications							
Wellbutrin 75 mg, 100 mg FDA approved age: Off label	Initial: Less than 3 mg/kg or 150 mg/day	Off-label: Less than 6 mg/kg or 300 mg/day (no single dose >150 mg)			Immediate-release bupropion tablet			
Wellbutrin SR 150 mg FDA approved age: Off label	Initial: Less than 3 mg/kg or 150 mg/day Typically dosed BID	Off-label: Less than 6 mg/kg or 300 mg/day (no single dose >150 mg)		Mimics bupropion TID	Sustained-release bupropion tablets			
Wellbutrin XL	Initial:	Off-label:		Mimics bupropion TID	Extended-release bupropion tablets			
150 mg, 300 mg FDA approved age: Off label	Less than 3 mg/kg or 150 mg/day Typically dosed daily	Less than 6 mg/ kg or 300 mg/ day (no single dose >150 mg)		 Mimics bupropion sustained-release BID dosing Empty tablet shell may be seen in stool 				
Catapres 0.1 mg, 0.2 mg, 0.3 mg FDA approved age: Off label	Initial: ≤45 kg: 0.05 mg at bedtime 45 kg: 1 mg at bedtime	Off-label: 2 mg (27 to 40.5 kg) 3 mg (40.5 to 45 kg) 4 mg (> 45kg)		Immediate-release and extended-release formulations are not interchangeable on a mg to mg basis	Immediate-release clonidine tablets			

ADHD Medications						
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System	
Catapres-TTS 0.1 mg/24 hours, 0.2 mg/24 hours, 0.3 mg/24 hours FDA approved age: Off label	Initial: ≤45 kg: 0.05 mg at bedtime 45 kg: 1 mg at bedtime	Off-label: 2 mg (27 to 40.5 kg) 3 mg (40.5 to 45 kg) 4 mg (> 45kg)	Patches to be worn for 7 days	• 2 to 3 days for results	Transdermal film containing clonidine	
Provigil 100 mg, 200 mg FDA approved age: Off label	Initial: 100 mg to 200 mg daily Titration: May increase from 100 mg to 200 mg as tolerated on day 3	Off-label: Maximum dosages ranged from 200 mg to >500 mg (in divided doses) in clinical trials		 Not approved by FDA for ADHD due to possibility for dermatologic effects (severe) Dosages of 300 mg or more were typically studied in patients weighing more than 30 kg 	Immediate-release modafinil tablets	
		Off-L	abel Medication	s (Continued)		
Amantadine hydrochloride 100 mg FDA approved age: Off label for ADHD	Initial: 50 mg/day in divided doses 1 to 3 times daily (morning, noon, and 4 PM) Titration: 50 mg at 4 to 7 day intervals	Off-label: <30 kg: 100 mg/day ≥30 kg: 150 mg/day			Immediate-release tablets	
Tofranil 10 mg, 25 mg, and 50 mg Tofranil PM 75 mg, 100 mg, 125 mg and 150 mg FDA approved age: 6 years and older	Initial: 1 mg/kg/day in 1 to 3 divided doses (children 6 years to 17 years)	Manufacturer's labeling warns against use of doses > 2.5 mg/kg/day in pediatric patients. Studies have shown use of up to 4 mg/kg or 200 mg *Monitor for ECG changes			 Tofranil immediate-release imipramine tablets Tofranil PM sustained-release imipramine capsules 	

ADHD Medications							
Product (by brand name)	Initial and Titration Dose	Max Daily Dose	Duration of Action	Clinical Pearls	Delivery System		
Pamelor	Initial: 0.5 mg/kg/day	Off-label:			Immediate-release nortriptyline capsules		
10 mg, 25 mg, 50 mg	(children and adolescents)	Lesser of 2 mg/					
and 75 mg	10 mg BID (adults)	kg or 100 mg (children and					
Nortriptyline oral solution 10 mg/5mL	Titration: Weekly by 0.5 mg/kg/day (children)	adolescents)					
FDA approved age: Off label	Increase in 25 mg increments until therapeutic range is reached (3 to 4 week trial at each dose)	50 to 150 ng/mL (adult)- Monitor plasma levels when doses above 100 mg daily are administered					
	Off-Label Medications (Continued)						
Norpramin 10 mg, 25 mg, 50 mg, 75 mg, 100 mg, and 150 mg FDA approved age: 6 years and older	Initial: 1.5 mg/kg/day divided twice daily (children and adolescents) Titration: Weekly up to a target dose of 3.5 mg/kg/ day in 2 divided doses by week 3			Because of reports of sudden death in children, desipramine should not be used first-line or when other TCAs are an option	Immediate-release desipramine tablets		
Off label for ADHD	(children and adolescents)						

References for Appendix 2.6: ADHD Medications

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