Is Your Herbal Practice Safe? Know the Clinical & Legal Standards

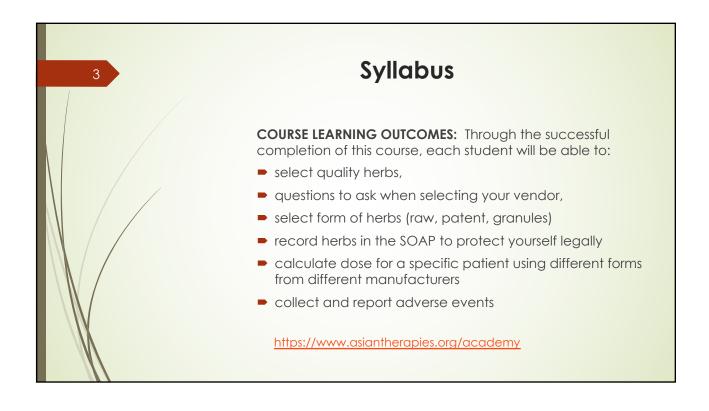


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Disclaimer

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- Author has no financial interests with any of the companies referred to in this presentation.
- Author has no intentions to promote a specific product or a company reflected in this presentation.
- All files reflected in this presentation are fully FDA compliant reflecting imaginary patients.
- This presentation is not intended to substitute legal advise, all information presented is for educational purposes only.





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The possible explanation of adverse reactions to Chinese herbs could be classified as follows:

- 1. Wrong identification of herb
- 2. Contamination with heavy metals
- 3. Contamination with Western drugs
- 4. Wrong use through self-medication
- Administration of Chinese herbs in combination with Western drugs by practitioner not trained in Chinese Herbology
- 6. Wrong use of a herb, i.e. wrong diagnosis
- 7. Ignoring possible allergens

1-6 http://www.scribd.com/doc/86928517/Safety-of-Chinese-Medicine-Giovanni-Maciocia#scribd

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FDA Regulations for Chinese herbs

- Chinese Herbal Medicines ARE regulated by the FDA.
- Chinese Herbal Medicines are held to cGMP regulation under Title 21 CFR 111.

https://www.fda.gov/regulatory -information/search-fdaguidance-

documents/complementaryand-alternative-medicineproducts-and-their-regulationfood-and-drug-administration



Medical Records Purpose

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Target Auditory: (this for whom you are writing notes for)

- Lawyer
- Insurance Auditor
- Your colleague for continuation of care
- Patient
- Researcher



Documentation Strategy:

- Accepted format: SOAP (Subjective, Objective, Assessment, Plan)
- SOAP is your legal defense tool. If you did not wrote it down it did not happened. CYA!
- This is your invoice, each item in it has its cost!
- SOAP does NOT limit what you do, it only outlines the structure HOW you write it down.

SOAP

• @NAME@ a @AGE@ @SEX@ presents in the Traditional Herbal Medicine clinic.
• Patient identity confirmed by name and DOB; ***YES ***NO
• Today @TODAYDATE@ is Initial visit ***In person ***Virtual/Telehealth

• Height: ***
• Weight: ***
• Allergies reviewed: ***NONE, Soy, Gluten, Latex, Shellfish, Citrus, Sesame, Tree nuts, Potato, Corn
• Medication reviewed: ***
• Supplements reviewed: ***

https://www.asiantherapies.org/standard-terminology

Persoription pick up monitoring options.

Herbal vendor/pharmacy selection guidelines

Adherence to the FDA and USP guidelines for herbal compounding practices.

Ease of prescription software use.

Wide range of single herbs and formula options. available for custom formula compounding.

Allergy warning on the label.

Quick shipment options of custom and patent herbal formulas directly to the patient.

Prescription pick up monitoring options.

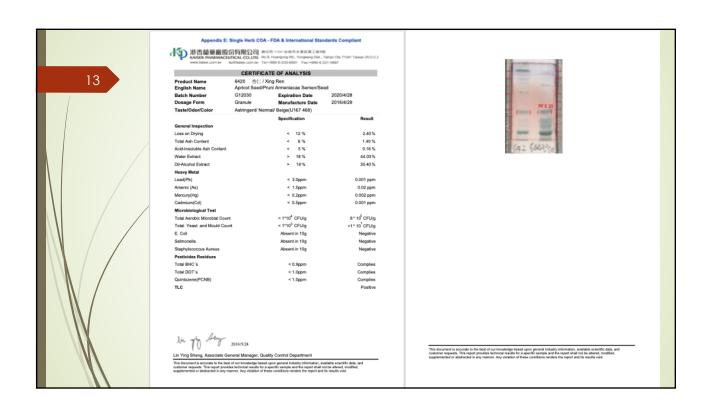
High customer service standards.

Easily accessible professional support and communication https://www.craneherb.com/shared/videos/cf_overview.aspx



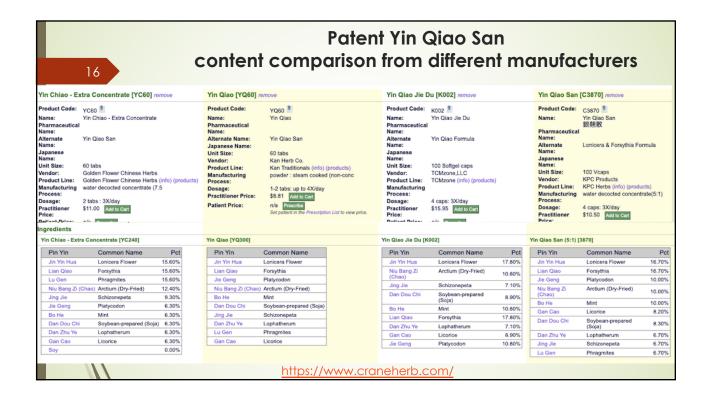


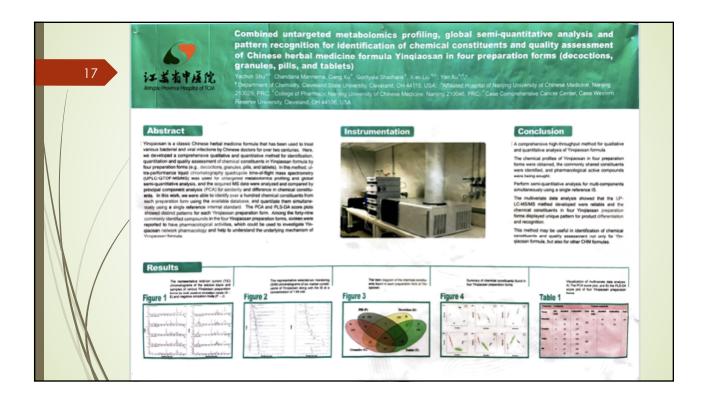


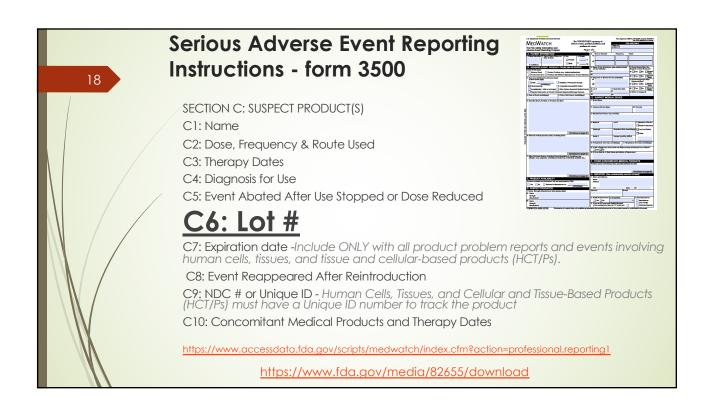


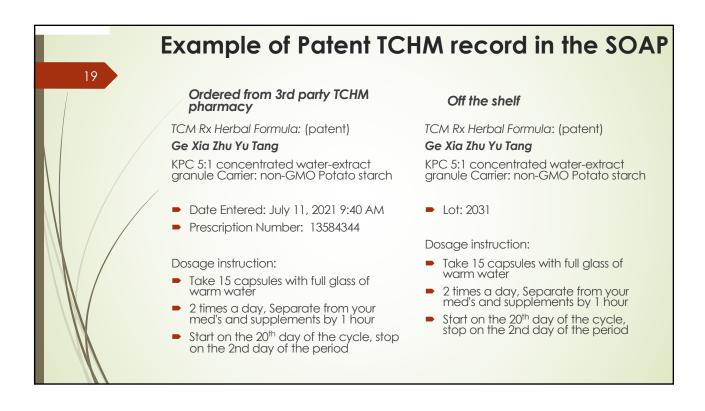
		KP		SunTen		TianJiang		Spring Wind		Blue Poppy
	Specification		Specification		Specificatio		Specification	Huisong Pharm.		Hill Pharm.
	NSF-2015		USP-36		Chinese Pho		Specification	noisong main.		Tilli TTIQITTI.
Expiration	1431-2013	4 vears		3 vears	Chinese i ik	manu. date		4 vears		2 vears
Name		Xing Ren		Xing Ren		Xing Ren		Xing Ren		Xing Ren
Concentration		5:1		5:1		5:1????		10:1		7g
Dosage Form		Granule		Fine Granule				Granule	water	
laste .		Astringent		Bitter				normal taste		
Odor		Normal		Specific Aroma	ı					
Color		Beige		Light Yellow		Light Yellow		normal color		Yellow Brown
Carrier		non GMO p	ootato starch	Corn starch		maltodextrin 20%		20% Maltodextrin		
Heavy Metal										
Lead(Pb)	<3.0ppm	0.001ppm	10ppm	0.017ppm	<10 mg/kg	0.341 mg/kg	<3ppm	1.12ppm	<2.0 mg/kg	0.06 mg/kg
Arsenic(As)	<1.5ppm	0.02ppm	3ppm	0.019ppm	<5.0 mg/kg	0.248 mg/kg	<3ppm	.16ppm	<3.0 mg/kg	ND
Mercury(Hg)	<0.2ppm	0.002ppm	3ppm	<0.006ppm	<0.1 mg/kg	0.032 mg/kg	<1ppm	ND	<0.4 mg/kg	0.07 mg/kg
Cadmium(Cd)	<0.5ppm	0.001ppm	3ppm	<0.003ppm	<1.0 mg/kg	0.013 mg/kg	<1ppm	.06ppm	<0.8 mg/kg	0.08 mg/kg
Microbiologic Test										
Total Aerobic Microbial Count	<10,000 cfu/g	8,000cfu/g	10,000 cfu/g	2,000 cfu/g	<1,000 cfu/g	15 cfu/g	<1,000 cfu/g	45 cfu/g	<1,000 cfu/g	200 cfu/g
Total Yeast and Mold Count	<1,000 cfu/g	<10cfu/g	1,000 cfu/g	<10 cfu/g	<100 cfu/g	<10cfu/g	<100 cfu/g	10 cfu/g	<100 cfu/g	<10 cfu/g
E.Coli	absent in 10g	negative	absent in 10g	nil	absent in 1gm	negative	absent 10/g	absent 10/g	<.92 mpn/g	<.10 mpn/g
Salmonella	absent in 10g	negative	absent in 25g	nil			absent 10/g	absent 10/g		
Staphylococcus Aureus	absent in 10g	negative		N/A					absent in 25g	ND
Pesticides Residues	<0.0mmm			NI/A				070 maskaida	<0.1 mag/les	ND
Total BHCs Total DDTs	<0.9ppm	complies		N/A N/A				278 pesticide	<0.1 mg/kg	ND ND
	<1.0ppm	complies						screen	<0.1 mg/kg	
Quintozene (PCNB)	<1.0ppm	complies		N/A					<0.1 mg/kg	ND

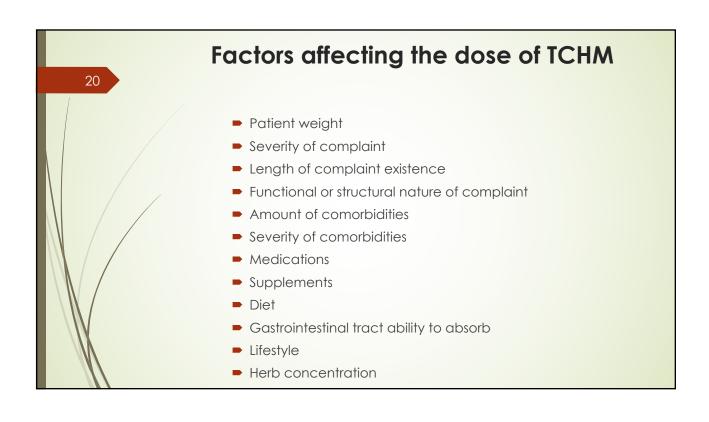
	Р	atent	l Yin	Qiao	San cor	npariso	n	
Brand	Vendor	Herbs Amount per dose	Dose /unit	Form & Dosage	Prep Method/ concentration	Fillers/Carriers	Allergy warning	Amaz on
Yin Qiao	Kan	ŝ	şş Drop	20-30 drops 2-3 x/day	water extract concentrate ???	Alcohol	no	YES
Yin Chiao Chientupien	SOLSTICE MEDICINE COMPANY	yes	?? tablet	2-4 tablet 2 x/day	(baked whole herbs) ???	Corn starch	no	YES
Yin Chiao Chien Tu Pien	Plum Flower	Ś	ŚŚ	4 tablet 3 x/day	Extract ???	Dextrin, magnesium stearate, etc	YES: Contains soy	YES
Yin Qiao San	KPC	yes	0.5 gr capsu le	4 capsules 3 x/day	water decocted concentrate(5:1	Non GMO potato starch	YES: Contains soy	NO
	www.cra https://w				olets-extra-concentrated .asp?productNameId=1			

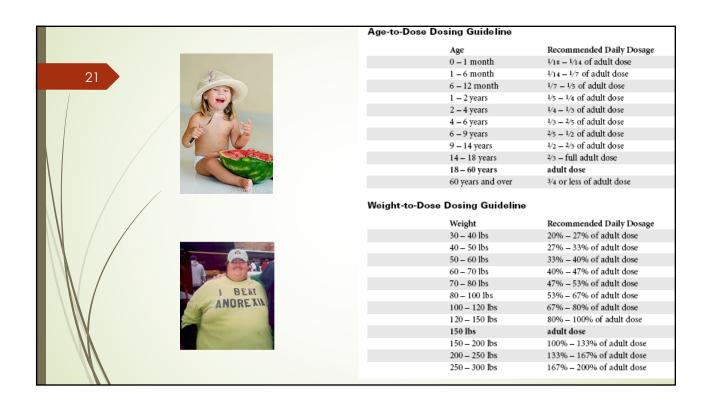












Jin Yin Hua Bo He Niu Bang Zi	Forsythia Lonicera Flower Mint Arctium (Dry-	Forsythiae Fructus Lonicerae Japonicae Flos Menthae Herba	11.00	14.67% 14.67%	\$6.38 \$15.31	Ė
Bo He Niu Bang Zi	Flower	Flos	11.00	14.67%	\$15.21	
Niu Bang Zi		Menthae Herba			\$10.01	
	Arctium /Dnv		4.00	5.33%	\$1.49	Ė
	Fried)	Arctii Lappae Fructus	10.00	13.33%	\$3.44	Ĥ
Jie Geng F	Platycodon	Platycodi Radix	4.00	5.33%	\$2.38	Û
	Soybean- prepared (Soja)	Sojae Semen Praeparatum	4.00	5.33%	\$1.38	Ĥ
Gan Cao L	Licorice	Glycyrrhizae Uralensis Radix	4.00	5.33%	\$1.60	Ĥ
Lu Gen F	Phragmites	Phragmitis Rhizoma	19.00	25.33%	\$6.00	Û
Jing Jie S	Schizonepeta	Schizonepetae Herba	4.00	5.33%	\$1.38	Û
Dan Zhu Ye L	Lophatherum	Lophatheri Herba	4.00	5.33%	\$1.38	Ù
Total:			75.00	100%	\$40.74	

TCHM Rx TCM Style

Jin Yin Hua (Flos Lonicerae Japonicae)...9-15g
Lian Qiao (Fructus Forsythiae Suspensae)...9-15g
Jie Geng (Radix Platycodi Grandiflori)...3-6g
Niu Bang Zi (Fructus Arctii Lappae)...9-12g
Bo He (Herba Menthae Haplocalycis)...3-6g
Dan Dou Chi (Semen Sojae praeparata)...3-6g
ng Jie (Herba Seu Flos Schizonepetae Tenuifoliae)...3-6g
Dan Zhu Ye (Herba Lophatheri Gracilis)...3-6g
Lu Gen (Rhizoma Phragmitis Communis recens)...15-30g
Gan Cao (Radix Glycyrrhizae Uralensis)...3-6g

Total: $60 - 108g \rightarrow \text{average } 75 \text{ gr} \rightarrow 5:1$ extract = 15 gr a day \rightarrow (Patent) 0.5 gr capsules = 30 capsules a day \rightarrow 7-8 capsules x 4 times a day (every 6 hours) \rightarrow (Custom) 0.335 gr capsules = 45 capsules a day \rightarrow 11-12 capsules x 4 times a day (every 6 hours) to 0.5 gr capsules (chinese Herbal Medicine Formulas and Strategies, Seattle Washington, Eastland Fress Inc.

Contemporary TCHM Rx Style (modified Taiwanese Style)

Substance name Main action Metformin drain damp Glyburide transform damp Ozempic warm the interior Rosuvastatin - Antihyperlipidemic transform phlegm Valsartan - Antihypertensive sedate Yang **TCHM Rx** Tian Wang Bu Xin Dan (5:1) 40.009 nourish Yin/ harmonize Ht &K Dao Chi San (5:1) 30.00% clear heat from the bladder & HT Huang Qin 3.00% clear heat Bai He 3.00% nourish Yin, calm Shen Xia Ku Cao 2.00% clear Fire Mi Meng Hua 3.00 % clear Fire Chen Pi 9.00% promote Qi movement Bai Zhu 6.00% strengthen Sp Sheng Jiang 4.00% protect stomach **Nutraceutical Rx** Ester-C® Bioflavonoids cool blood Isotonix® Calcium Plus anchor Shen Fish oil nourish Yin

tonify blood

extinguish wind, stop tremors

Advanced Collagen

Magnesium (Glycinate)

Chief complaint: Increasing sense of anxiety, fearfulness, increasing heart rate

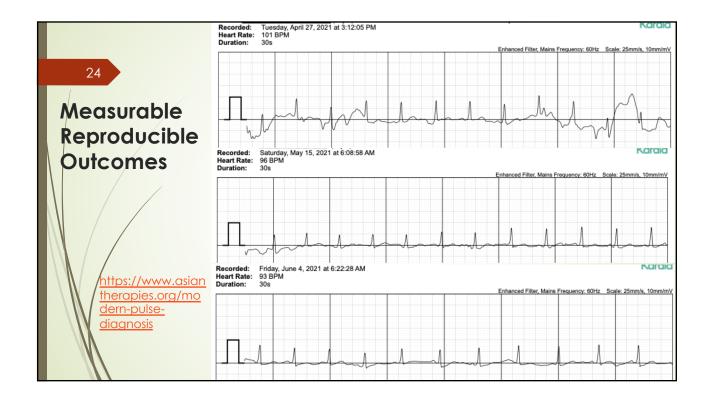
Secondary complaint: Urinary urgency

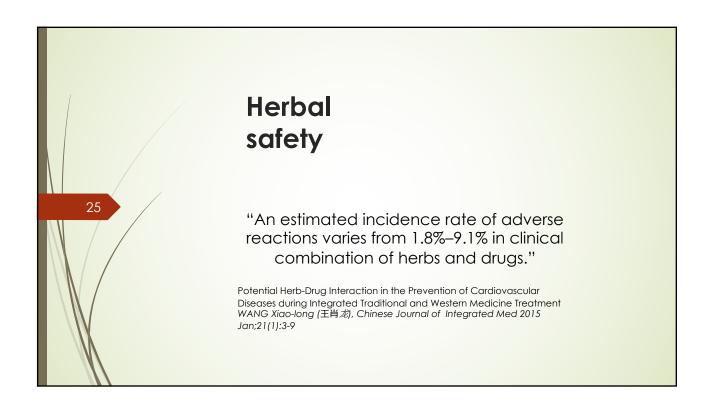
Symptoms: Night sweats, Easy bruising, Retina inflammation/Uveitis, Nausea, Heartburn, neck tension, spasms along GB meridian/GB stones, alternating stool, neuropathy, recently lost weight

Relevant Current Health History:

- 1. Insufficiently controlled Diabetes Type 2
- 2. Hypertension
- 3. Hyperlipidemia
- 1. ICD-10 Diagnosis: F41.9 Anxiety Disorder ICD-11 TM pattern: SF6L Heart and kidney systems disharmony pattern (TM1)
- 2. ICD-10 Diagnosis: R30.0 Dysuria ICD-11 TM pattern: SF6E Small intestine excess heat pattern (TM1)

TM Treatment Principle: Calm Shen, clear heat, nourish Ht and K Yin, harmonize Ht & K







Pharmaceutical Drugs

Year	Death	Serious
1971	698	8,905
1981	1,284	5,985
1991	4,459	56,322
2001	23,777	146,297
2006	37,309	264,227
2011	98,469	572,992
2016	142,099	831,991
2018	196,749	1,107,848
2019	173,8757	1,159,948

Source: FDA Adverse Events Reporting System (FAERS) Public Dashboard

https://fis.fda.gov/sense/app/d10be6bb-494e-4cd2-82e4-0135608ddc13/sheet/7a47a261-d58b-4203-a8aa-6d3021737452/state/analysis

Chinese Herbs

Reta	Year	Death	
Ma Huang (USA)	1995 - 2004	81	
Guăng Fáng Jǐ (Belgium)	1990 - 1994	102	
Aconite (USA)	2017	1	



Source: http://https://www.citizen.org/article/petitionrequesting-ban-of-ephedra/

III. Vandeherweghem. Misuse of Herbal Remedies: The Case of an Outbreak of Terminal Renal Failure in Belgium (Chinese Herbs Nephropathy). The Journal of Alternative and Complementary MedicineVol. 4, No. 1, https://www.cnn.com/2017/03/21/health/poisonedherbal-tea-death-san-francisco/index.html

Chapter 14 b- Substances that stabilize and bind

Enters: Lu, Ll, K, Sp, Ht. Temperature: warm

Taste: sour, astringent, toxic Caution: Excess conditions

Note: overdose may arrest Zhong Qi and lead to death

Action: relieve pain, Settle Shen, astringe Lung; astringe Large Intestine; stabilize lower Jiao

Indications: deficiency pain in the chest, abdomen, tendons, bones, and epigastrium; chronic cough d/t Lung Qi or Yin deficiency; chronic diarrhea or dysentery d/t Spleen Yin & Qi deficiency; chronic diarrhea or dysentery; polyuria, spermatorrhea, vaginal discharge d/t Instability of the lower Jiao.

Tongue: pale, swollen Pulse: floating, thready

Rationale: It suppresses Shen and contains Kidney Fear so allowing separation from pain, if overused it will disconnect Ht and Kidneys that may cause sleep disturbances and anxiety. Sour taste relaxes sinews so relieving pain. Astringent properties contain body fluids and Qi holding stool, urine and sperm. Prolonged use in high dose will cause Qi stagnation manifesting in dyspnea and constipation. Overdose will lead to constraint of Zhong Qi causing cardiac arrest and inability of Kidney to grasp Lung Qi leading to respiratory arrest.

Modifications: To counteract Qi stagnation add Chai Hu

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https://www.asiantherapies.org/principles-of-combining-tchm

Oxycodone

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