REQUIREMENTS FOR E-PRESCRIBING STANDARDS	What Standard/Code Set can meet this Requirement?	Do You Use this Standard?	Is Nationwide adoption of this standard necessary?	Is this Requirement a Standards Gap?
A. Ability to provide information to prescribing health care professionals and dispensing pharmacies & pharmacists:	NCPDP SCRIPT	YES	In use nationwide since 1997	NO
1. Electronic transmittal of the prescription:	NCPDP SCRIPT	YES	In use nationwide since 1997	NO
(a) Prescriber Identifier Code Set	DEA, NPI	YES	No uniform standard	YES
(b) Pharmacy Identifier Code Set	NCPDP PROVIDER ID	YES	ADOPTED NATIONWIDE	NO
(c) Packaged Drug Code Sets	NDC NUMBER	YES	ADOPTED NATIONWIDE	NO
(d) Drug Ingredient Code Sets	NDC, RXNORM, FIRST DATABANK, MEDISPAN	YES	A VARIETY OF PROPRIETARY DRUG DATABASES ARE IN USE NATIONALLY	NO
2. Electronic transmittal of information on eligibility and benefits including:	NCPDP SCRIPT	YES, BUT NOT CURRENTLY SENDING/RECEIVING ELIGIBILITY INFORMATION	For maximum benefit, it should be adopted nationwide	NCPDP SCRIPT STANDARD needs to be updated/enhanced to address these new requirements
(a) Drugs in the applicable formulary	additional functionality needs to be added in SCRIPT to address			
(b) Any tiered formulary structure	additional functionality needs to be added in SCRIPT to address			
(c) Any requirements for prior authorization:	additional functionality needs to be added in SCRIPT to address			
(1) Requirement message to prescriber	additional functionality needs to be added in SCRIPT to address			
(2) Prescriber request message for authorization	additional functionality needs to be added in SCRIPT to address			
(3) Response to prescriber's request	additional functionality needs to be added in SCRIPT to address			
(4) Pre-authorization message to pharmacy	SCRIPT standard needs to be modified to address this requirement but can be sent in free-text field			
(d) Information on the prescribed drug and other drugs within the medication history:	NCPDP SCRIPT	YES	In use nationwide since 1997	NO, current Pharmacy systems perform these functions and will do so even after receiving a new rx or refill response since it is the pharmacist's responsibility to perform these checks
(1) Drug to Drug Interactions	X- performed by pharmacy systems			
(2) Warnings or Cautions	X- performed by pharmacy systems			
(3) Dosage Checking against Patient's Weight	X- performed by pharmacy systems			
(4) Dosage Checking against Patient's Age	X- performed by pharmacy systems			
(e) Information on Lower Cost Drug/Therapy Alternatives	NCPDP SCRIPT AND TELCOM STANDARDS	YES	IN USE NATIONWIDE	No, pharmacies already perform this function during claims adjudication. If a generic or therapeutic substitution is required/preferred, the pharmacy can transmit this request via the RXCHG message function in SCRIPT
B. Ability to Provide Electronic Transmittal of Medical History Information	Gray Area for Items 1-3. SCRIPT has an observation segment which can be developed to send allergies, labs, diagnosis, etc. A new message type could be added to send medication history (with multiple drug segments) but the current version of SCRIPT does not address these needs currently.	We use the SCRIPT standard but we do not currently send medication histories. 1. Our pharmacy system does not have the ability to do this. 2. There are HIPAA privacy issues and concerns, who gets the information, is all of it sent. Does a DDS get all the patient's records, etc.	To be determined	N/A
1. Drug to Allergy checking:	x			
(a) Standard for checking	x			
(b) Standard for sending the results	x			
2. Drug to Lab Test checking:	x			
(a) Standard for checking	x			
(b) Standard for sending the results	x			
3. Other information from Electronic Medical Records	x			
C. Electronic Signature Capabilities (see also NCPDP signature presentation) **Electronic Signature Definition:** An electronic sound, symbol, or process, attached to or logically associated with a contract or other record and executed or adopted by the person **with the intent to sign** the record.	If this is required, depending on how you define it, it could be the id used by the provider. An electronic signature is just something that I say means me. Given that, there are existing fields In SCRIPT that could be added/modified to address this. There are also fields in script to identify the authorizing prescriber's agent name if other than provider. NOTE: the DEA issues of digital certification, signature and encryption is something else. These requirements would necessitate a new wrapper or something being added to the standard.	YES	In use nationwide since 1997	NO

The Law also asks that each standard/code set support these additional requirements.

* Please fill in a separate spreadsheet for each standard/code set that you identified in the 'Basic Requirements' spreadsheet.

	NAME OF STANDARD/CODE SET: NCPDP SCRIPT Standard	COMMENTS
	Does this standard/code set support the following characteristics…	
1	**Improves…**	
a	Patient Safety	YES
b	Quality of Care	YES
c	Efficiency (including cost savings)	YES
2	**Does not present an undue administrative burden on prescribers and pharmacists**	YES
3	**Is compatible with other standards including…**	TO BE DETERMINED: SEE BELOW
a	RxNorm	RXNORM is not typically used by retail pharmacies. Therefore, Walgreens has no experience or expertise with this drug ingredient code set and we cannot make a determination as to the compatibility of RXNORM with SCRIPT
b	NDFRT Codes for:	NDFRT is not typically used by retail pharmacies. Therefore, Walgreens has no experience or expertise with this drug ingredient code set and we cannot make a determination as to the compatibility of NDFRT with SCRIPT
(1)	Representations of the mechanism of action of drugs	not required or provided for in current version of SCRIPT
(2)	Physiologic affects of drugs	not required or provided for in current version of SCRIPT
c	FDA Codes for:	FDA Codes are not typically used by retail pharmacies. Therefore, Walgreens has no experience or expertise with this drug ingredient code set and we cannot make a determination as to the compatibility of FDA Codes with SCRIPT
(1)	Ingredient Names	
(2)	Manufactured Dose Forms	
(3)	Package Types	
d	Part C of title XI (HIPAA?)	
e	Subsection (b)(2)(B)(i)?	
4	**Permits electronic exchange of drug labeling and drug listing information maintained by FDA / NLM**	NO
5	**Includes quality assurance measures and systems referred to in subsection (c)(1)(B): "… to reduce medication errors and adverse drug interactions and improve medication use."**	YES. The SCRIPT standard requires specific data elements on a prescription. The prescription cannot be sent without these data elements, therefore the pharmacies get a "complete" prescription to be processed. In turn, there is less chance of misinterpretation, less data entry, and more legible prescriptions with electronically transmitted prescriptions. Also DUR's can be performed at the physician office as well as the pharmacy to reduce medication errors and adverse drug interactions, thereby improving medication use.
6	**Permits patient designation of dispensing pharmacy, so there is…**	
a	No change in patient benefits	YES
b	No prescription drug plan constraint of electronic access to/from pharmacies	YES
c	No differences in benefits or payments based on the dispensing of a part D drug	YES
7	**Complies with HIPAA Privacy Regulations**	YES
8	**Supports interactive and real-time transactions**	YES