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AdvancedMD EHR Export

This is an export that will give all of the clinical data in the EHR with regards to allergies, immunizations, messages, diagnoses, prescriptions, lab results, notes, and Word Merge templates. The data is in a SQL database (.bak file), so you'd need an IT/conversion person or team to restore the database in SQL Server Management Studio to view it. They are all discrete data, though the patient notes and results are laid out a little differently than the rest.

EHR_Allergies

This table contains data for patient allergies.

<u>Column</u>	Description
LicenseKey	The practice's AdvancedMD License Key
AllergyID	ID of the allergy
PatientID	ID of the patient
AllergyName	Name of the allergy
AllergyStartDate	Date the allergy was entered
AllergyReaction	Patient's allergic reaction
AllergyTreatment	How the patient's allergic reaction is treated
AllergyStatus	Is the allergy still active?
AllergyNoKnownAllergies	Does the patient have no allergies?
AllergyCategoryID	ID of the allergy category
CreatedBy	AdvancedMD user who created the allergy entry
CreatedAt	Timestamp of the allergy entry creation
ChangedBy	AdvancedMD user who last changed the allergy entry
ChangedAt	Timestap of the last change of the allergy entry

EHR_Immunizations

This table contains data for patient immunizations.

Column	Description
LicenseKey	The practice's AdvancedMD License Key
PatImmunizationID	ID of the immunization
PatientID	ID of the patient
Profile ID	Provider's profile ID
PatImmunizationName	Patient name
PatImmunizationExcludeStateReg	Exclude state registration
PatImmunizationGroupName	Group name
PatImmunizationDateGiven	Date immunization given
PatImmunizationComments	Comments
PatlmmunizationInitials	Patient Initials
PatImmunizationDosageAmount	Dosage amount
PatImmunizationDosageUnits	Dosage units
PatImmunizationLotNumber	Lot number

PatImmunizationExpireDate	Expire date
PatImmunizationManufacturer	Manufacturer
PatImmunizationMVXCode	MVX Code
PatImmunizationChargeCodeID	Charge Code ID
PatImmunizationCVXCode	CVX Code
PatImmunizationDisplay	Display on patient chart?
PatImmunizationFundingSource	Funding source
PatImmunizationInfusionFrequency	Infusion frequency
PatlmmunizationGiven	Was the immunization given?
CreatedBy	AdvancedMD user who created the entry
CreatedAt	Timestamp of the entry creation
ChangedBy	AdvancedMD user who last changed the entry
ChangedAt	Timestap of the last change of the entry
PatImmunizationProviderProfileCode	Provider's profile code
PatImmunizationProviderProfileDescription	Provider's name
PatImmunizationFacility	Facility
PatImmunizationAdminClinician	Admin clinician
PatImmunizationSite	Site
PatImmunizationVFCEligibility	VFC eligibility
PatImmunizationRoute	Route
PatImmunizationVacFundingSource	Vac funding source
PatImmunizationGivenReason	Given reason
PatImmunizationReactionEvent	Was there a reaction?
PatImmunizationChargeCode	Charge code
PatImmunizationInfusionFrequencyType	Infusion frequency type
PatImmunizationImmunityCode	Immunity code

EHR_Messages

This table contains data for patient messages from the EHR.

<u>Column</u>	Description
LicenseKey	The practice's AdvancedMD License Key
MessageUID	The ID of the message
FromUserFID	The ID of the user who sent the message
Priority	Priority of the message
Action_Type	
Message	Message contents
Route_Datetime	
Finished_Flag	
Generic_Item_id	
Item_Type_Id	
PatientFID	ID of the patient (if involved in the message)
Finished_Datetime	
Reminder_Datetime	
FromPatientFID	ID of the patient who sent the message
ToPatientFID	ID of the patient who the message was sent to
Hide_Task_Flag	
CreatedBy	AdvancedMD user who created the message
CreatedAt	Timestamp of the message creation
ChangedBy	AdvancedMD user who last changed the message

ChangedAt	Timestap of the last change of the message
AccountFid	
MessageFistFID	
FinishedByUserFID	

EHR_PatientNoteDiagnosis, EHR_Problems

These tables contain data for patient diagnoses (from the chart and from charges, respectively).

EHR_PatientNoteDiagnosis

Column	Description
PatientFID	ID of the patient
PatientNote_UID	ID of the note that the diagnosis is attached to
Note_DateTime	Timestamp of the note
DiagnosisCode	Diagnosis Code
InsuranceDescription	Insurance Description

EHR_Problems

Column	Description
LicenseKey	The practice's AdvancedMD License Key
ProblemListID	
PatientID	ID of the patient
ProblemOnsetDateTime	
ProblemUpdatedDateTime	
ProblemDescription	Description of the problem
ProblemStatusChangedDate	
ProblemDisplay	
DiagnosisCodeID	ID of the diagnosis code
DiagnosisCode	Diagnosis Code
DiagnosisCodeDescription	Diagnosis Code Description
CreatedBy	AdvancedMD user who created the entry
CreatedAt	Timestamp of the entry creation
ChangedBy	AdvancedMD user who last changed the entry
ChangedAt	Timestap of the last change of the entry
ProblemStatus	
UserUpdatedLogin	User's login ID
UserUpdatedName	User's name

EHR_Prescriptions

This table contains data for patient prescriptions.

Column	Description
LicenseKey	The practice's AdvancedMD License Key
PrescriptionID	ID of the prescription
PatientID	ID of the patient
PrescriptionItemTypeID	
DrugName	Drug name
DrugStrength	Drug strength
DrugDoseForm	Drug dose form
DrugRoute	Drug route of use

DrugFrequency	Drug use frequency
DrugDays	Amount of drug given (in days)
DrugQuantity	Quantity of drug given
DrugUnits	Units of drug given
DrugNDCNumber	Drug NDC Number
DrugRefills	Drug Refills
PrescriptionDate	Date prescription was given
PrescriptionDispenseAsWritten	
PrescriptionSIG	
PrescriptionComments	Prescription comments
PrescriptionCurrentMed	
PrescriptionOnHold	Is the prescription on hold?
PrescriptionFreeForm	
PrescriptionSideEffectsDiscussed	Where side effects discussed?
DrugSample	Was a drug sample given?
DrugSampleLotNumber	Lot number of the sample
PrescriptionType	Prescription Type
DrugDFAClassCode	Drug DEA Class Code
PrescriptionAutoExpire	Will the prescription auto-expire?
PrescriptionAutoExpireDate	Date of the prescription's auto-expire
PrescriptionPharmacyInstructions	Prescription Pharmacy Instructions
PrescriptionInteractionComment	
PrescriptionAutoCreated	Was the prescription auto-created?
PrescriptionConfidential	Is the prescription confidential?
PrescriptionAssistant	
CreatedBy	AdvancedIVID user who created the prescription
CreatedBy	AdvancedMD user who created the prescription
CreatedBy CreatedAt ChangedBy	AdvancedMD user who created the prescription Timestamp of the prescription creation
CreatedBy CreatedAt ChangedBy ChangedAt	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription
CreatedBy CreatedAt ChangedBy ChangedAt	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionBecordOnly	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionHighPriority	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority?
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionHighPriority ProfileID	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority?
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription location
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionEolder	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription location Prescription folder
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionFolder	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription folder Drug discontinue reason
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionFolder DrugDiscontinueReason VisitID	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Prescription location Prescription folder Drug discontinue reason
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionLocation PrescriptionFolder DrugDiscontinueReason VisitID PrescriptionNoCurrentMeds	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription folder Drug discontinue reason Visit ID Patient on other meds before this prescription?
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionLocation PrescriptionFolder DrugDiscontinueReason VisitID PrescriptionNoCurrentMeds PrescriptionMedListBeviewedAt	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription folder Drug discontinue reason Visit ID Patient on other meds before this prescription?
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionLocation PrescriptionFolder DrugDiscontinueReason VisitID PrescriptionNoCurrentMeds PrescriptionMedListReviewedAt	AdvancedMD user who created the prescriptionTimestamp of the prescription creationAdvancedMD user who last changed the prescriptionTimestap of the last change of the prescriptionDrug generic namePrescription directionsPrescription record onlyIs the prescription a high priority?Provider's profile IDSupervising provider's profile IDPharmacy's NCPDP IDPrescription folderDrug discontinue reasonVisit IDPatient on other meds before this prescription?Timestamp of medication list review
CreatedBy CreatedAt ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionFolder DrugDiscontinueReason VisitID PrescriptionNoCurrentMeds PrescriptionMedListReviewedAt PatientConsentMedHxStatus	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription folder Drug discontinue reason Visit ID Patient on other meds before this prescription? Timestamp of medication list review
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CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PrescriptionLocation PrescriptionLocation PrescriptionFolder DrugDiscontinueReason VisitID PrescriptionNoCurrentMeds PrescriptionMedListReviewedAt PatientConsentMedHxStatus PrescriptionFormularyPlanName DrugFrequencyDescription DrugFrequencyPerDayQuantity DrugIsDiscontinued	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription folder Drug discontinue reason Visit ID Patient on other meds before this prescription? Timestamp of medication list review Prescription formulary plan name Drug frequency description Daily quantity of drug taken Is the drug discontinued? Is the drug ineffective?
CreatedBy CreatedAt ChangedBy ChangedAt DrugGenericName PrescriptionDirections PrescriptionRecordOnly PrescriptionRecordOnly PrescriptionHighPriority ProfileID SupervisingProfileID PharmacyNCPDPID PharmacyNCPDPID PrescriptionLocation PrescriptionLocation PrescriptionFolder DrugDiscontinueReason VisitID PrescriptionNoCurrentMeds PrescriptionMedListReviewedAt PatientConsentMedHxStatus PrescriptionFormularyPlanName DrugFrequencyDescription DrugFrequencyPerDayQuantity DrugIsDiscontinued DrugIneffective	AdvancedMD user who created the prescription Timestamp of the prescription creation AdvancedMD user who last changed the prescription Timestap of the last change of the prescription Drug generic name Prescription directions Prescription record only Is the prescription a high priority? Provider's profile ID Supervising provider's profile ID Pharmacy's NCPDP ID Prescription folder Drug discontinue reason Visit ID Patient on other meds before this prescription? Timestamp of medication list review Prescription formulary plan name Drug frequency description Daily quantity of drug taken Is the drug discontinued? Is the drug ineffective?
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DrugPatientDeclined	Did the patient decline the drug?
DrugDetailChanged	
SignedByLogin	Signer's login ID
SignedByFullName	Signer's name
ReviewedByLogin	Reviewer's login ID
ReviewedByFullName	Reviewer's name
PrescriptionUpdatedDateTime	Timestamp of an update to the prescription
PrescriptionUpdatedUser	User that updated the prescription
SurescriptsESendDateTime	Timestamp of Surescripts eSend
SurescriptsESendByLogin	Surescripts login who sent the eSend
SurescriptsESendByFullName	Name of Surescripts user who sent the eSend
SurescriptsESendStatus	eSend status
SurescriptsESendStatusMessage	eSend status message
SurescriptsESendStatusDate	eSend status date
SureScriptsEsendEpcs	
PrescribingProviderProfileCode	Provider Profile ID of the Prescribing Doctor
PrescribingProviderProfileDescription	Name of the Prescribing Doctor
SupervisingProviderProfileCode	Provider Profile ID of the Supervising Doctor
SupervisingProviderProfileDescription	Name of the Supervising Doctor
PrescriptionPharmacyName	Pharmacy Name

EHR LabResults, EHR_ResultItems, EHR_ResultSets, EHR_ResultValues

For lab results, there are a few tables that have to be joined.

EHR_LabResults	
Column	Description
LicenseKey	The practice's AdvancedMD License Key
ResultOrdinal	
ResultHistory	
ResultID	ID of the result
PatientID	ID of the patient
LabOrderID	ID of the lab order
ProfileID	Provider's profile ID
ResultReqNumber	Result requisition number
ResultStatus	Result status
ResultProcCode	Result procedure code
ResultLabPatientLastName	Patient last name
ResultLabPatientFirstName	Patient first name
ResultLabPatientMiddleName	Patient middle name
ResultLabPatientDOB	Patient date of birth
ResultLabPatientSex	Patient sex
ResultLabPatientSSN	Patient social security number
ResultLabPatientAcct	
ResultLabPatientSuffix	Patient name suffix
ResultLabPatientRace	Patient race
ResultLabPatientRaceAlt	Patient alternative race
ResultCollectDateTime	
ResultDateTimeOfService	Timestamp of result date of service
ResultOrderCodes	Result order codes
ResultOrderingPhysician	Ordering physician

ResultNotifiedDate	Date patient notified of result
ResultComments	Result comments
ResultHold	Result hold
ResultConfidential	Is the result confidential?
ResultAssistant	Result assistant
ResultPatientViewable	Is the result patient viewable?
ResultHighPriority	Is the result high priority?
CreatedBy	AdvancedMD user who created the result
CreatedAt	Timestamp of the result creation
ChangedBy	AdvancedMD user who last changed the result
ChangedAt	Timestap of the last change of the result
ResultReportedDateTime	Timestamp of when the result was reported
ResultStatusChangeDateTime	Timestamp of result status change
VisitID	ID of the visit
ResultDepartment	Result department
ResultFolder	Result folder
ResultLabCompanyName	Result lab company name
ProviderProfileCode	Provider profile code
ProviderProfileDescription	Provider profile name
SignedByLogin	Signer's login ID
SignedByFullName	Signer's name
ReviewedByLogin	Reviewer's login ID
ReviewedByFullName	Reviewer's name

EHR_ResultItems

Column	Description
LicenseKey	The practice's AdvancedMD License Key
ResultItemOrdinal	Result item ordinal
ResultHistoryOrdinal	Result history ordinal
ResultSetOrdinal	Result set ordinal
ResultItemID	Result item ID
ResultItemCode	Result item code
ResultItemDescription	Resul item description
CreatedBy	AdvancedMD user who created the result
CreatedAt	Timestamp of the result creation
ChangedBy	AdvancedMD user who last changed the result
ChangedAt	Timestap of the last change of the result

EHR_ResultSets

Column	Description
LicenseKey	The practice's AdvancedMD License Key
ResultSetOrdinal	Result set ordinal
ResultHistoryOrdinal	Result history ordinal
ResultOrdinal	Result ordinal
ResultSetID	Result set ID
ResultSetImportDateTime	
ResultSetMshDateTime	
ResultSetMshType	
ResultSetMshEvent	

ResultSetMshCtrlID	
ResultSetServiceFacility	
ResultSetPlacerOrder	
ResultSetFillerOrder	
ResultSetOrderCode	
ResultSetOrderCodeDescription	
ResultSetResultStatus	
ResultSetPriorityCode	
CreatedBy	AdvancedMD user who created the result
CreatedAt	Timestamp of the result creation
ChangedBy	AdvancedMD user who last changed the result
ChangedAt	Timestap of the last change of the result
ResultSetParentDescription	
ResultSetParentAbnormalFlag	
ResultSetParentResultStatus	

EHR_ResultValues

Column	Description
LicenseKey	The practice's AdvancedMD License Key
ResultValueOrdinal	Result value ordinal
ResultHistoryOrdinal	Result history ordinal
ResultItemOrdinal	Result item ordinal
ResultValueID	Result value ID
ResultValueOrderNumber	Result value order number
ResultValueDescription	Result value description
ResultValueUnits	Result value units
ResultValueRange	Result value range
ResultValueAbnormal	Result value abnormal
ResultValueProducer	Result value producer
ResultValueFormat	Result value format
ResultValueStatus	Result value status
CreatedBy	AdvancedMD user who created the result
CreatedAt	Timestamp of the result creation
ChangedBy	AdvancedMD user who last changed the result
ChangedAt	Timestap of the last change of the result
LabFacilityProducerCode	Lab facility producer code
LabFacilitySiteCodeDescription	Lab facilty side code description
SignedByLogin	Signer's login ID
SignedByFullName	Signer's name

The following joins can be used:

```
dbo.ehr_LabResultReq LRR WITH (NOLOCK)
JOIN dbo.ehr_LabResultSet LRS WITH (NOLOCK)
        ON LRR.LicenseKey = LRS.LicenseKey
        AND LRR.LabResultRequestOrdinal = LRS.LabResultRequestOrdinal
        AND LRR.LabHistoryRequestOrdinal = LRS.LabHistoryRequestOrdinal
JOIN dbo.ehr_LabResultItem LRI WITH (NOLOCK)
        ON LRS.LicenseKey = LRI.LicenseKey
        AND LRS.LabResultSetOrdinal = LRI.LabResultSetOrdinal
```

```
AND LRS.LabHistoryRequestOrdinal = LRI.LabHistoryRequestOrdinal
JOIN dbo.ehr_LabResultValue LRV WITH (NOLOCK)
ON LRI.LicenseKey = LRV.LicenseKey
```

```
AND LRI.LabResultItemOrdinal = LRV.LabResultItemOrdinal
```

AND LRI.LabHistoryRequestOrdinal = LRV.LabHistoryRequestOrdinal

EHR_PatientNotes

In AdvancedMD, all of the note templates are completely custom-made by the practice rather than us creating universal templates across our entire client base for them to use. That is why we provide the raw data; we do not have universal templates to base the exports on.

In this table, each row will have the patient name/ID, note ID, and values for that specific field on the note template, be it a label, text field, dropdown list, radio button, etc. Since each row is for a single field, there will be many rows for one note ID, but when put together, they make 1 note. Unfortunately our database has no way of knowing which fields are visually and intuitively related other, as they are all treated as individual entities, which is why we also provide the left/top positioning of the field, so that you can use those coordinates for each field to visually recreate the note.

From there, the practice is responsible for getting the data into a format that can be uploaded to a new system and/or given to patients upon request. This is normally done by a conversion team from the system that the practice is moving to or a 3rd party group that is handling the data.

By using the Left_Loc and Top_Loc coordinates, you can recreate the note with the field positions are they are on the AdvancedMD EHR Note Template.

<u>Column</u>	Description
LicenseKey	The practice's AdvancedMD License Key
PatientNote_UID	The ID of the note
ProfileCode	The AdvancedMD provider code
ChartNumber	Patient's AdvancedMD Chart Number
Patient_ID	The ID of the patient
PatientName	Patient Name
Note_Datetime	Timestamp of the note's creation
SignedBy	Provider that signed off on the note
Comments	Provider comments on the note
Notemin	Time lapse field within the Note
Template_Name	Name of the AdvancedMD note template
Page_Index	Page number of the note
Page_Name	Page name of the note
Control_Type	Field type (label, text field, dropdown, etc)
Field_Name	Name of the field (provider defined)
Field_Data_Type	Field type (label, text field, dropdown, etc)
Description	Data Field Description
Caption	Name, or "Label" given to a Control Type during template creation
List	A list of field options selected for a control while creating a template
Selected_Value	Data value for the field
DataBlob	Location where the image is saved
AwsFileName	Name of the image file
Fileptr	Link to AWS S3 bucket where images are stored
LocationName	Location of the image where it is stored

Assoc_CPT	CPT code associated with the note
Left_Loc	Position of the field on the note canvas relative to the left side of the page
Top_Loc	Position of the field on the note canvas relative to the top of the page
Assoc_ICD	Diagnosis code associated with the note
Codeset	Codeset (ICD9 or ICD10)
CodesetValue	Actual value of the Codeset (aka, code) selected in the note

EHR_WordMerge

Column	Description
Template_Name	Template name
Menu_Caption	Menu caption
Word_Blob	Template blob data

This table contains the WordMerge format for each EHR Note Template.

The template is stored as blob data which must be converted to a Microsoft Word document. Opening that Word document will give you the readable WordMerge template.

The WordMerge Template will have variable fields and dynamic/runtime fields from clinical notes in <<field_name>> format . This field_name comes from the EHR_PatientNotes table.

* Dynamic fields are not part of export since they are resolved at runtime when the practice manually exports a note as a WordMerge.

For each unique note (PatientNote_UID in EHR_PatientNotes table), replace field_name by selected_value.

For example, the WordMerge Template may say:

"Patient weighs << PatientWeight>> pounds."

The variable here is <<PatientWeight>>. You want go to the EHR_PatientNotes table, find the note_UID you are working with, and find the row with a field_name value for the PatientWeight. You would then take the value in the select_value column (e.g. 150) and replace the <<PatientWeight>> variable in the WordMerge template with that value, to make it say:

"Patient weighs 150 pounds."

There would be one output document for each note. Also please make sure the word merge and note have a matching template.

Notes:

- The blob itself is a varbinary(max) column. Typically, you wouldn't write a file to disk directly from TSQL (although it is possible). Please peruse this link to get an idea of how that would happen. https://www.jitendrazaa.com/blog/sql/sqlserver/export-documents-saved-as-blob-binary-from-sqlserver/
- 2. If you're reading the blob using some form of programming language (like c#), generally you would just case the blob to a byte array, and then do what you'd please with it.
- 3. If you notice that the blob data matches across multiple note templates, this means that the same WordMerge template has been attached to those note templates.

4. The link between note template and WordMerge is through the template name, which must be unique. In the UI, which Word Merge template you choose to print based on is decided at runtime. So when converting the SQL notes data to WordMerge, it would depend on which WordMerge template the client wants.

EHR Notes showing data for all radio button selections

You may find that for "Option" control types in EHR Notes that you receive data for all 3 potential selections. Here is an example and explanation as to why this is.

What is selected in the note

Genitourinary:		
Male Female 🖲		
Default / Predefined	▼ Default / Predefined	

What is in the EHR Export

1	Em 1	ncaaugua					
	Patient_ID	Template_Name	Page_Index	Control_Type	Field_Name	List	Selected_Value
1	17463247	New Patient Office Visit	4	Multi-Select	PE_Genito_FemaleAbnormal	guaiac - positive/hemorrhoid/malodorous discharg	NULL
2	17463247	New Patient Office Visit	4	Multi-Select	PE_Genito_FemaleNormal	NULL	Normal hair distribution with no lesions, masses, or swelling. Labia majora
3	17463247	New Patient Office Visit	4	Multi-Select	PE_Genito_MaleAbnormal	asymmetricalldischargelerythemalexcoriatedlguai	NULL
4	17463247	New Patient Office Visit	4	Multi-Select	PE_Genito_MaleNormal	NULL	Penis is free of rashes, lesions, and lumps. Soft, flaccid, and nontender on
5	17463247	New Patient Office Visit	4	Option	PE_Genito	Male Female	· ·
6	17463247	New Patient Office Visit	4	Option	PE_Genito_Female	Normal Abnormal	2
7	17463247	New Patient Office Visit	4	Option	PE_Genito_Male	Normal[Abnormal]	77

- As you can see, the 3rd option of "--" is selected. This is what I squared in green.
- The way this note template is build in the AdvancedMD EHR, the choices of Male/Normal and Female/Normal have some default values pre-defined. This is what I squared in **blue**.
- Because these default values are always technically "selected", they are always stored in our database for the note, which is what I squared in red.

Now that we understand why these values were included in the export, we can get to how the data should be interpreted by your conversion team when importing it into their system.

The EHR Notes have Parent Control Ordinals that show the relationship between parent/child nodes. The Female child control is 4380262 and Male child control is 4380263, both of which refer to 4380095 as the parent.

Since you see that "--" is the select value, you can know to ignore the values for the Male/Female ordinals and their further child nodes (4380313 – 4380316). Since the top level selections of Male/Female/-- would have indices of 0/1/2, index 2 was the selection and you can know that you can ignore the values related to indices 0 and 1.

	Field_Name	List	Selected_Value	PatientNoteControlOrdinal	ParentPatientNoteControlOrdinal	Parent_Control_Index
1	PE_Genito_FemaleAbnormal	guaiac - positive/hemorrhoid/malodorous discharg	NULL	4380316	4380262	1
2	PE_Genito_FemaleNormal	NULL	Normal hair distribution with no lesions, masse	4380315	4380262	0
3	PE_Genito_MaleAbnormal	asymmetrical discharge erythema excoriated guai	NULL	4380314	4380263	1
4	PE_Genito_MaleNormal	NULL	Penis is free of rashes, lesions, and lumps. So	4380313	4380263	0
5	PE_Genito	Male Female	-	4380095	NULL	0
6	PE_Genito_Female	Normal Abnormal	2	4380262	4380095	1
7	PE_Genito_Male	Normal/Abnormal	-	4380263	4380095	0

And in a tree view (highlighted in yellow are the fields that would show in the UI):

Scenario 1: "--" is selected from the start

- Pe_Genito
 - Male (**Pe_Genito_Male**)
 - Normal (Pe_Genito_MaleNormal)
 - Abnormal (Pe_Genito_MaleAbNormal)
 - Female (**Pe_Genito_Female**)
 - Normal (Pe_Genito_FemaleNormal)
 - Abnormal (Pe_Genito_FemaleAbNormal)

o <mark>--</mark>

Scenario 2: Female/Abnormal is selected

- Pe_Genito
 - Male (**Pe_Genito_Male**)
 - Normal (Pe_Genito_MaleNormal)
 - Abnormal (Pe_Genito_MaleAbNormal)
 - Female (Pe_Genito_Female)
 - Normal (Pe_Genito_FemaleNormal)
 - Abnormal (Pe_Genito_FemaleAbNormal)
 - Any other custom text associated with Female/Abnormal
 - o --

And it should be noted that this logic would only happen within controls that are types "option".

We understand that adjusting your import process to account for this type of database structure is complicated, but naturally we can't format a data export specific to each system that a client is moving to because every system is going to store their data differently. This is why we just give the dump of raw data so that it can be manipulated in any way needed.

Scanned Documents & Images

This is an export of all the documents and/or images that you've scanned into the PM or EHR. This export is put in a folder structure with the documents/images being sorted by date. You'd also get some index files to point you to each file, as well as tell you who the file is for, what kind of file it is, etc.

The documents and images from the PM are in the "decrypted-pm" folder. Once you are there, you can navigate to individual files, whether it's a doc, file, or image. To tie the documents to their corresponding patient, you'll want to look at the "PM.Export.XXXXXX" file at the start of the folder hierarchy. The "FileType" column is for the doc/file/image folder, the "FileLocation" column is the YYYY/MM/DD path, and then the "FileName" column would be the file at that path with that name.

Any documents in the PM.Export.XXXXXX file that are listed in a separate section at the bottom can be found in the blob-data folder.

The documents and images from the EHR are in the "decrypted-ehr" folder. Once there, go into the "EHR" folder and you'll see some years. Within the years are months and within the months are days. Within the days will be files that end in "_#" (# being the document ID). Now go to the "EHR.docmap.Export.XXXXXX". The "File_Key_Ptr" column shows the YYYY/MM/DD path you need to go to in the "EHR" folder and the Document_UID is the # that will be at the end of the file path.

You will also receive 2 csv files for the EHR blob data and PM templates. For the blob_data folder and corresponding .csv, there's a timestamp followed by the Document ID and then _FileName

• Example: MM.DD.YY.HHMMSSDocumentID_FileName

Note: You may notice that the file extensions may be different between the index file and actual file for some files. In this case, you will want to use the file extension from the index file.

Note: You may notice that the files include some "preview" files. These can be ignored, as they are just lowerquality copies of the actual file.

Note: You may notice some lab result files from the EHR with no patient listed in the index file. In our database, these files are set to a patient ID of 1. This is the ID is just to create a dummy row in the DB table when it is created. When a file has this ID associated with it, it means that we were unable to match it to a patient, whether due to the patient being deleted or just never existing in the office key.