ARRT Radiography Registry: 3-Week Targeted Action Plan

Baseline: 76% Overall (1,100 Clover Prep Questions across 9 Exams) | Goal: 82%+ Safe Passing Buffer

Strategic Diagnosis: At **76% overall**, you are right on the scaled passing line (75). Because **Procedures (~42%)** and **Image Production (~26%)** represent nearly **70% of your entire exam**, raising just these two domains by 8–10% will lock in a comfortable pass. Your **Patient Care (85%)** and **Safety (78%)** are already strong and only require targeted maintenance.

1. Domain Weighting & 3-Week Score Targets

ARRT Exam Domain	Exam Weight	Current Score	3-Week Target	Study Allocation & Priority
Procedures (Skull/Sinus, GI/GU, Upper Ext.)	~42% (~84 Qs)	**71%**	**80%+**	**#1 TOP PRIORITY** 50% of total study time
Image Production (Digital, Processing, Quality)	~26% (~52 Qs)	**74%**	**82%+**	**#2 HIGH PRIORITY** 30% of total study time
Radiation Protection (Safety)	~16% (~32 Qs)	**78%**	**82%+**	**#3 MAINTENANCE** 12% of total study time
Patient Care (Pharmacology, Ethics, Isolation)	~16% (~32 Qs)	**85%**	**85%+**	**#4 LIGHT REVIEW** 8% of total study time

2. Week 1 Checklist: Procedures Deep-Dive (Goal: 71% → 78%)

Day	Daily Clover Prep Drill & Active Study Task	Trap-Buster PDF Reference	Score / Done
Day 1	**Skull & Cranium:** 50 custom Qs (Townes, Caldwell, Haas, SMV, 7°/8° OML/IOML rules). Log every missed angle.	Part 1 (Page 1) & Master Brain Dump	☐ _____%
Day 2	**Facial Bones & Sinuses:** 50 custom Qs (Waters vs. Mod. Waters, Rhese, May, mandible, erect sinus air-fluid levels).	Part 1 (Page 1)	☐ _____%
Day 3	**GI Contrast Studies:** 50 custom Qs (RAO vs. LPO stomach gravity, esophagus, BE flexures, water-soluble perforation rule).	Part 1 (Page 2)	☐ _____%
Day 4	**GU Contrast & Thorax:** 50 custom Qs (30° RPO/LPO kidneys, VCUG, HSG timing, RAO sternum, decubitus chest/abdomen).	Part 1 (Page 2) & Part 5 (Page 2)	☐ _____%
Day 5	**Upper Extremities:** 50 custom Qs (Stecher, Gaynor-Hart, Coyle 45° angles, elbow/shoulder rotations, Grashey, Neer).	Part 1 (Page 3)	☐ _____%
Day 6	**Lower Extremities & Spine:** 50 custom Qs (Mortise vs. 45° ankle, hip fracture Danelius-Miller, Judet, C/L-spine obliques).	Part 5 (Pages 1 & 2)	☐ _____%
Day 7	**WEEK 1 BENCHMARK:** Full 200-question timed mock exam (3.5 hrs). Target: Procedures ≥ 77%, Overall ≥ 78%.	5-Min Noteboard Brain Dump	☐ _____%

3. Week 2 Checklist: Image Production & Safety Polish (Goal: Image Prod 82%+, Safety 82%+)

Day	Daily Clover Prep Drill & Active Study Task	Trap-Buster PDF Reference	Score / Done
Day 8	**Digital Characteristics:** 50 custom Qs (Matrix/FOV pixel pitch, bit depth contrast, fill factor, DQE, MTF, Nyquist frequency).	Part 2 (Page 1) & CR/DR Guide	☐ _____%
Day 9	**Processing & Exposure Index:** 50 custom Qs (Histogram analysis, rescaling, LUTs, WW/WL, Deviation Index 0/+1/–1/±3).	Part 2 (Page 2)	☐ _____%
Day 10	**Radiographic Quality & Math:** 50 custom Qs (Inverse/Direct Square, 15% kVp rule, grid conversion, magnification vs. shape distortion).	Part 2 (Page 2) & Practice Bank	☐ _____%
Day 11	**Equipment & QC Tests:** 50 custom Qs (Generator "5–10–5" rule, ±2% SID, HVL 2.5 mm Al, spinning top, slit camera, SMPTE).	QC Cheat Sheet PDF	☐ _____%
Day 12	**Radiation Protection & Biology:** 50 custom Qs (NCRP #116 limits, 10 mSv × Age, 0.5 mSv/mo fetus, primary/secondary barriers, ARS).	Part 4 (Pages 1 & 2)	☐ _____%
Day 13	**Pharmacology & Patient Care:** 40 custom Qs (Metformin 48-hr hold, eGFR, anaphylactoid vs. vasovagal, "MTV" isolation, legal torts).	Part 3 & Part 6 PDFs	☐ _____%
Day 14	**WEEK 2 BENCHMARK:** Full 200-question timed mock exam (3.5 hrs). Target: Image Prod ≥ 80%, Overall ≥ 80%.	5-Min Noteboard Brain Dump	☐ _____%

4. Week 3 Checklist: Stamina, Missed-Question Elimination & Exam Day (Goal: 82%+ Lock-In)

Day	Daily Clover Prep Drill & Active Study Task	Trap-Buster PDF Reference	Score / Done
Day 15	**Missed-Questions Bank (Procedures):** 50 custom Qs built strictly from previously missed Procedures items.	Part 1 & Part 5 PDFs	☐ _____%
Day 16	**Missed-Questions Bank (Image Prod & Safety):** 50 custom Qs from previously missed Image Production & Safety items.	Part 2 & Part 4 PDFs	☐ _____%
Day 17	**Mixed 100-Question Speed Drill:** Complete 100 mixed Qs in 90 minutes (54 sec/question pace). Audit any misread words.	Master Brain Dump (Check Off)	☐ _____%
Day 18	**Targeted Weak-Box Drill:** Review only unchecked boxes on your 2-page Master Brain Dump; do 40 targeted Qs on those topics.	Master Brain Dump (Unchecked)	☐ _____%
Day 19	**FINAL DRESS REHEARSAL:** Full 200-question timed exam under strict test-center conditions (no notes, basic calculator only).	Timed 5-Min Brain Dump	☐ _____%
Day 20	**Light Taper & Logistics:** 30-min skim of Master Brain Dump & Pharmacology. Pack 2 valid IDs. Stop studying by 6:00 PM.	Master Brain Dump PDF	☐ Done
Day 21	**ARRT EXAM DAY:** Arrive 30 mins early. Use the untimed 8-min tutorial to write your Brain Dump & test the calculator.	Execute Your Plan & Pass!	☐ PASSED!

Test-Day Execution Rules (1994 → 2026 Registry Success Keys)

- **Read the Last Sentence First:** Identify whether the stem wants a CR angle, rotation, anatomy shown, or safety action before reading the clinical backstory.
- **Pilot Questions Are Normal:** Expect 20–30 unscored pilot questions mixed into your 200 scored items. If a question looks bizarre, flag it, pick your best guess, and protect your pacing (aim to hit Q100 with at least 1 hr 45 mins left).
- **Textbook Over Department Shortcuts:** Answer strictly per Merrill's/Bontrager's and ACR/NCRP standards, not hospital workarounds. Never change a first instinct unless you caught a misread word (*NOT, EXCEPT, LEAST, MOST*).